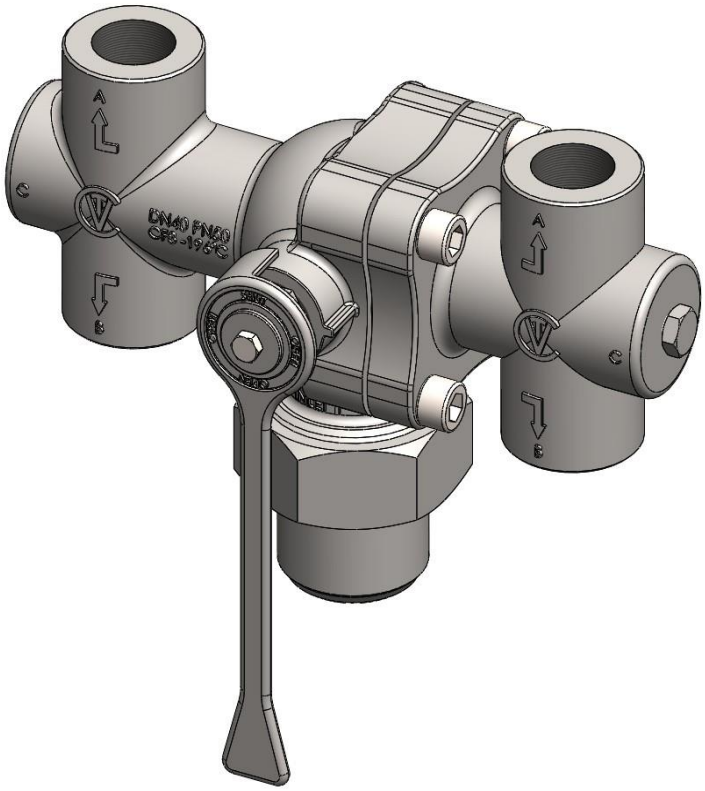
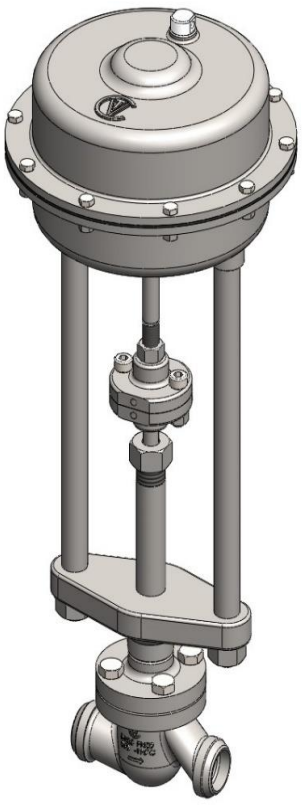


Valves for Cryogenic Applications



2021 – Edition 1

Cryogenic Valve Technologies

Cryogenic Valve Technologies: High Quality, Long Life , Low Maintenance Cryogenic valves.

Valves for cryogenic liquefied industrial gases & Liquid Natural Gas (LNG)

Cryogenic Processes

For the industrial production of high purity nitrogen, oxygen, argon and other air gases, the individual air components are separated using a thermal process in air separation plants. CVT offer a wide range of products meet the demands process plant applications

Cryogenic Transport

Industrial gases & LNG are liquefied at cryogenic temperatures and transported in special trailer from the air separation plant to the customer. CVT Actuated and Manual globes ensure safety, quality, and reliability for the transportation of Cryogenic products

Cryogenic Storage

Depending on the quantity, cryogenic air gases & LNG are stored in fixed storage tanks with capacities from 5,000 to 50,000 litres. CVT filling assembly can provides a simple & safe method of filling cryogenic storage systems.

Contents

Overview of products

Globe Valves

TYPE CVMG PART NUMBER TABLE					
VALVE PART NUMBER	END CONNECTIONS	EXTENSION TYPE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVMG10SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	25
CVMG15SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	25
CVMG25SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	25
CVMG40SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	25
CVMG50SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	25
CVMG65SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	25
CVMG80SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	25
CVMG10SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	26
CVMG15SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	26
CVMG25SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	26
CVMG40SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	26
CVMG50SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	26
CVMG65SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	26
CVMG80SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	26
CVMG10SSNPC01	3/8" NPT-F ANSI B 1.20.1	EXTENDED STEM	PN50	-196°C - +120°C	27
CVMG15SSNPC01	1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	PN50	-196°C - +120°C	27
CVMG25SSNPC01	1" NPT-F ANSI B 1.20.1	EXTENDED STEM	PN50	-196°C - +120°C	27
CVMG40SSNPC01	1.1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	PN50	-196°C - +120°C	27
CVMG50SSNPC01	2" NPT-F ANSI B 1.20.1	EXTENDED STEM	PN50	-196°C - +120°C	27
CVMG65SSNPC01	2.1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	PN50	-196°C - +120°C	27
CVMG80SSNPC01	3" NPT-F ANSI B 1.20.1	EXTENDED STEM	PN50	-196°C - +120°C	27
CVMG10SSGGC01	3/8" BSP-PL - ISO-228-1	EXTENDED STEM	PN50	-196°C - +120°C	28
CVMG15SSGGC01	1/2" BSP-PL - ISO-228-1	EXTENDED STEM	PN50	-196°C - +120°C	28
CVMG25SSGGC01	1" BSP-PL - ISO-228-1	EXTENDED STEM	PN50	-196°C - +120°C	28
CVMG40SSGGC01	1.1/2" BSP-PL - ISO-228-1	EXTENDED STEM	PN50	-196°C - +120°C	28
CVMG50SSGGC01	2" BSP-PL - ISO-228-1	EXTENDED STEM	PN50	-196°C - +120°C	28
CVMG65SSGGC01	2.1/2" BSP-PL - ISO-228-1	EXTENDED STEM	PN50	-196°C - +120°C	28
CVMG80SSGGC01	3" BSP-PL - ISO-228-1	EXTENDED STEM	PN50	-196°C - +120°C	28
CVMG15SSMMC01	M26 X 1.5 Male Metric	EXTENDED STEM	PN50	-196°C - +120°C	29
CVMG25SSMMC01	M40 X 2.0 Male Metric	EXTENDED STEM	PN50	-196°C - +120°C	29
CVMG40SSMMC01	M65 X 2.0 Male Metric	EXTENDED STEM	PN50	-196°C - +120°C	29
CVMG50SSMMC01	M78 X 2.0 Male Metric	EXTENDED STEM	PN50	-196°C - +120°C	29

Overview of products

Globe Valves

TYPE CVMG PART NUMBER TABLE					
VALVE PART NUMBER	END CONNECTIONS	EXTENSION TYPE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVMG10SSB1C00	BW.SCHD 10	NON EXTENDED	PN50	-60°C - +120°C	30
CVMG15SSB1C00	BW.SCHD 10	NON EXTENDED	PN50	-60°C - +120°C	30
CVMG25SSB1C00	BW.SCHD 10	NON EXTENDED	PN50	-60°C - +120°C	30
CVMG40SSB1C00	BW.SCHD 10	NON EXTENDED	PN50	-60°C - +120°C	30
CVMG50SSB1C00	BW.SCHD 10	NON EXTENDED	PN50	-60°C - +120°C	30
CVMG65SSB1C00	BW.SCHD 10	NON EXTENDED	PN50	-60°C - +120°C	30
CVMG80SSB1C00	BW.SCHD 10	NON EXTENDED	PN50	-60°C - +120°C	30
CVMG10SSSEC00	SOCKET END - ASTM	NON EXTENDED	PN50	-60°C - +120°C	31
CVMG15SSSEC00	SOCKET END - ASTM	NON EXTENDED	PN50	-60°C - +120°C	31
CVMG25SSSEC00	SOCKET END - ASTM	NON EXTENDED	PN50	-60°C - +120°C	31
CVMG40SSSEC00	SOCKET END - ASTM	NON EXTENDED	PN50	-60°C - +120°C	31
CVMG50SSSEC00	SOCKET END - ASTM	NON EXTENDED	PN50	-60°C - +120°C	31
CVMG65SSSEC00	SOCKET END - ASTM	NON EXTENDED	PN50	-60°C - +120°C	31
CVMG80SSSEC00	SOCKET END - ASTM	NON EXTENDED	PN50	-60°C - +120°C	31
CVMG10SSNPC00	3/8" NPT-F ANSI B 1.20.1	NON EXTENDED	PN50	-60°C - +120°C	32
CVMG15SSNPC00	1/2" NPT-F ANSI B 1.20.1	NON EXTENDED	PN50	-60°C - +120°C	32
CVMG25SSNPC00	1" NPT-F ANSI B 1.20.1	NON EXTENDED	PN50	-60°C - +120°C	32
CVMG40SSNPC00	1.1/2" NPT-F ANSI B 1.20.1	NON EXTENDED	PN50	-60°C - +120°C	32
CVMG50SSNPC00	2" NPT-F ANSI B 1.20.1	NON EXTENDED	PN50	-60°C - +120°C	32
CVMG65SSNPC00	2.1/2" NPT-F ANSI B 1.20.1	NON EXTENDED	PN50	-60°C - +120°C	32
CVMG80SSNPC00	3" NPT-F ANSI B 1.20.1	NON EXTENDED	PN50	-60°C - +120°C	32
CVMG10SSGGC00	3/8" BSP-PL - ISO-228-1	NON EXTENDED	PN50	-60°C - +120°C	33
CVMG15SSGGC00	1/2" BSP-PL - ISO-228-1	NON EXTENDED	PN50	-60°C - +120°C	33
CVMG25SSGGC00	1" BSP-PL - ISO-228-1	NON EXTENDED	PN50	-60°C - +120°C	33
CVMG40SSGGC00	1.1/2" BSP-PL - ISO-228-1	NON EXTENDED	PN50	-60°C - +120°C	33
CVMG50SSGGC00	2" BSP-PL - ISO-228-1	NON EXTENDED	PN50	-60°C - +120°C	33
CVMG65SSGGC00	2.1/2" BSP-PL - ISO-228-1	NON EXTENDED	PN50	-60°C - +120°C	33
CVMG80SSGGC00	3" BSP-PL - ISO-228-1	NON EXTENDED	PN50	-60°C - +120°C	33
CVMG15SSMMC00	M26 X 1.5 Male Metric	NON EXTENDED	PN50	-60°C - +120°C	34
CVMG25SSMMC00	M40 X 2.0 Male Metric	NON EXTENDED	PN50	-60°C - +120°C	34
CVMG40SSMMC00	M65 X 2.0 Male Metric	NON EXTENDED	PN50	-60°C - +120°C	34
CVMG50SSMMC00	M78 X 2.0 Male Metric	NON EXTENDED	PN50	-60°C - +120°C	34

Overview of products

Strainer

TYPE CVMV PART NUMBER TABLE					
VALVE PART NUMBER	END CONNECTIONS	MESH SIZE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVMN10SSB1F00	BW.SCHD 10	100 MESH	PN50	-196°C - +120°C	35
CVMN15SSB1F00	BW.SCHD 10	100 MESH	PN50	-196°C - +120°C	35
CVMN25SSB1F00	BW.SCHD 10	100 MESH	PN50	-196°C - +120°C	35
CVMN40SSB1F00	BW.SCHD 10	100 MESH	PN50	-196°C - +120°C	35
CVMN50SSB1F00	BW.SCHD 10	100 MESH	PN50	-196°C - +120°C	35
CVMN65SSB1F00	BW.SCHD 10	100 MESH	PN50	-196°C - +120°C	35
CVMN80SSB1F00	BW.SCHD 10	100 MESH	PN50	-196°C - +120°C	35
CVMN10SSSEF00	SOCKET END - ASTM	100 MESH	PN50	-196°C - +120°C	36
CVMN15SSSEF00	SOCKET END - ASTM	100 MESH	PN50	-196°C - +120°C	36
CVMN25SSSEF00	SOCKET END - ASTM	100 MESH	PN50	-196°C - +120°C	36
CVMN40SSSEF00	SOCKET END - ASTM	100 MESH	PN50	-196°C - +120°C	36
CVMN50SSSEF00	SOCKET END - ASTM	100 MESH	PN50	-196°C - +120°C	36
CVMN65SSSEF00	SOCKET END - ASTM	100 MESH	PN50	-196°C - +120°C	36
CVMN80SSSEF00	SOCKET END - ASTM	100 MESH	PN50	-196°C - +120°C	36
CVMN10SSNPF00	3/8" NPT-F ANSI B 1.20.1	100 MESH	PN50	-196°C - +120°C	37
CVMN15SSNPF00	1/2" NPT-F ANSI B 1.20.1	100 MESH	PN50	-196°C - +120°C	37
CVMN25SSNPF00	1" NPT-F ANSI B 1.20.1	100 MESH	PN50	-196°C - +120°C	37
CVMN40SSNPF00	1.1/2" NPT-F ANSI B 1.20.1	100 MESH	PN50	-196°C - +120°C	37
CVMN50SSNPF00	2" NPT-F ANSI B 1.20.1	100 MESH	PN50	-196°C - +120°C	37
CVMN65SSNPF00	2.1/2" NPT-F ANSI B 1.20.1	100 MESH	PN50	-196°C - +120°C	37
CVMN80SSNPF00	3" NPT-F ANSI B 1.20.1	100 MESH	PN50	-196°C - +120°C	37
CVMN10SSGGF00	3/8" BSP-PL - ISO-228-1	100 MESH	PN50	-196°C - +120°C	38
CVMN15SSGGF00	1/2" BSP-PL - ISO-228-1	100 MESH	PN50	-196°C - +120°C	38
CVMN25SSGGF00	1" BSP-PL - ISO-228-1	100 MESH	PN50	-196°C - +120°C	38
CVMN40SSGGF00	1.1/2" BSP-PL - ISO-228-1	100 MESH	PN50	-196°C - +120°C	38
CVMN50SSGGF00	2" BSP-PL - ISO-228-1	100 MESH	PN50	-196°C - +120°C	38
CVMN65SSGGF00	2.1/2" BSP-PL - ISO-228-1	100 MESH	PN50	-196°C - +120°C	38
CVMN80SSGGF00	3" BSP-PL - ISO-228-1	100 MESH	PN50	-196°C - +120°C	38
CVMN15SSMMF00	M26 X 1.5 Male Metric	100 MESH	PN50	-196°C - +120°C	39
CVMN25SSMMF00	M40 X 2.0 Male Metric	100 MESH	PN50	-196°C - +120°C	39
CVMN40SSMMF00	M65 X 2.0 Male Metric	100 MESH	PN50	-196°C - +120°C	39
CVMN50SSMMF00	M78 X 2.0 Male Metric	100 MESH	PN50	-196°C - +120°C	39

Overview of products

Lift Check Valve

TYPE CVML PART NUMBER TABLE				
VALVE PART NUMBER	END CONNECTIONS	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVML10SSB1F00	BW.SCHD 10	PN50	-196°C - +120°C	40
CVML15SSB1F00	BW.SCHD 10	PN50	-196°C - +120°C	40
CVML25SSB1F00	BW.SCHD 10	PN50	-196°C - +120°C	40
CVML40SSB1F00	BW.SCHD 10	PN50	-196°C - +120°C	40
CVML50SSB1F00	BW.SCHD 10	PN50	-196°C - +120°C	40
CVML65SSB1F00	BW.SCHD 10	PN50	-196°C - +120°C	40
CVML80SSB1F00	BW.SCHD 10	PN50	-196°C - +120°C	40
CVML10SSSEF00	SOCKET END - ASTM	PN50	-196°C - +120°C	41
CVML15SSSEF00	SOCKET END - ASTM	PN50	-196°C - +120°C	41
CVML25SSSEF00	SOCKET END - ASTM	PN50	-196°C - +120°C	41
CVML40SSSEF00	SOCKET END - ASTM	PN50	-196°C - +120°C	41
CVML50SSSEF00	SOCKET END - ASTM	PN50	-196°C - +120°C	41
CVML65SSSEF00	SOCKET END - ASTM	PN50	-196°C - +120°C	41
CVML80SSSEF00	SOCKET END - ASTM	PN50	-196°C - +120°C	41
CVML10SSNPF00	3/8" NPT-F ANSI B 1.20.1	PN50	-196°C - +120°C	42
CVML15SSNPF00	1/2" NPT-F ANSI B 1.20.1	PN50	-196°C - +120°C	42
CVML25SSNPF00	1" NPT-F ANSI B 1.20.1	PN50	-196°C - +120°C	42
CVML40SSNPF00	1.1/2" NPT-F ANSI B 1.20.1	PN50	-196°C - +120°C	42
CVML50SSNPF00	2" NPT-F ANSI B 1.20.1	PN50	-196°C - +120°C	42
CVML65SSNPF00	2.1/2" NPT-F ANSI B 1.20.1	PN50	-196°C - +120°C	42
CVML80SSNPF00	3" NPT-F ANSI B 1.20.1	PN50	-196°C - +120°C	42
CVML10SSGGF00	3/8" BSP-PL - ISO-228-1	PN50	-196°C - +120°C	43
CVML15SSGGF00	1/2" BSP-PL - ISO-228-1	PN50	-196°C - +120°C	43
CVML25SSGGF00	1" BSP-PL - ISO-228-1	PN50	-196°C - +120°C	43
CVML40SSGGF00	1.1/2" BSP-PL - ISO-228-1	PN50	-196°C - +120°C	43
CVML50SSGGF00	2" BSP-PL - ISO-228-1	PN50	-196°C - +120°C	43
CVML65SSGGF00	2.1/2" BSP-PL - ISO-228-1	PN50	-196°C - +120°C	43
CVML80SSGGF00	3" BSP-PL - ISO-228-1	PN50	-196°C - +120°C	43
CVML15SSMMF00	M26 X 1.5 Male Metric	PN50	-196°C - +120°C	44
CVML25SSMMF00	M40 X 2.0 Male Metric	PN50	-196°C - +120°C	44
CVML40SSMMF00	M65 X 2.0 Male Metric	PN50	-196°C - +120°C	44
CVML50SSMMF00	M78 X 2.0 Male Metric	PN50	-196°C - +120°C	44

Overview of products

Screw Down Non-Return

TYPE CVMS PART NUMBER TABLE					
VALVE PART NUMBER	END CONNECTIONS	EXTENSION TYPE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVMS10SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	45
CVMS15SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	45
CVMS25SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	45
CVMS40SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	45
CVMS50SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	45
CVMS65SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	45
CVMS80SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	45
CVMS10SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	46
CVMS15SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	46
CVMS25SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	46
CVMS40SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	46
CVMS50SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	46
CVMS65SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	46
CVMS80SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	46
CVMS10SSNPC01	3/8" NPT-F ANSI B 1.20.1	EXTENDED STEM	PN50	-196°C - +120°C	47
CVMS15SSNPC01	1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	PN50	-196°C - +120°C	47
CVMS25SSNPC01	1" NPT-F ANSI B 1.20.1	EXTENDED STEM	PN50	-196°C - +120°C	47
CVMS40SSNPC01	1.1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	PN50	-196°C - +120°C	47
CVMS50SSNPC01	2" NPT-F ANSI B 1.20.1	EXTENDED STEM	PN50	-196°C - +120°C	47
CVMS65SSNPC01	2.1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	PN50	-196°C - +120°C	47
CVMS80SSNPC01	3" NPT-F ANSI B 1.20.1	EXTENDED STEM	PN50	-196°C - +120°C	47
CVMS10SSGGC01	3/8" BSP-PL - ISO-228-1	EXTENDED STEM	PN50	-196°C - +120°C	48
CVMS15SSGGC01	1/2" BSP-PL - ISO-228-1	EXTENDED STEM	PN50	-196°C - +120°C	48
CVMS25SSGGC01	1" BSP-PL - ISO-228-1	EXTENDED STEM	PN50	-196°C - +120°C	48
CVMS40SSGGC01	1.1/2" BSP-PL - ISO-228-1	EXTENDED STEM	PN50	-196°C - +120°C	48
CVMS50SSGGC01	2" BSP-PL - ISO-228-1	EXTENDED STEM	PN50	-196°C - +120°C	48
CVMS65SSGGC01	2.1/2" BSP-PL - ISO-228-1	EXTENDED STEM	PN50	-196°C - +120°C	48
CVMS80SSGGC01	3" BSP-PL - ISO-228-1	EXTENDED STEM	PN50	-196°C - +120°C	48
CVMS15SSMMC01	M26 X 1.5 Male Metric	EXTENDED STEM	PN50	-196°C - +120°C	49
CVMS25SSMMC01	M40 X 2.0 Male Metric	EXTENDED STEM	PN50	-196°C - +120°C	49
CVMS40SSMMC01	M65 X 2.0 Male Metric	EXTENDED STEM	PN50	-196°C - +120°C	49
CVMS50SSMMC01	M78 X 2.0 Male Metric	EXTENDED STEM	PN50	-196°C - +120°C	49

Overview of products

Angle Valve

TYPE CVAG PART NUMBER TABLE					
VALVE PART NUMBER	END CONNECTIONS	EXTENSION TYPE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVAG15SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	50
CVAG25SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	50
CVAG40SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	50
CVAG50SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	50
CVAG15SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	51
CVAG25SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	51
CVAG40SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	51
CVAG50SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	51

Overview of products

Tyre Actuated Globe Valve – Standard Type

TYPE CVAT PART NUMBER TABLE						
VALVE PART NUMBER	END CONNECTIONS	EXTENSION TYPE	CLOSING MODE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVAT15SSB1C01	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	52
CVAT25SSB1C01	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	52
CVAT40SSB1C01	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	52
CVAT50SSB1C01	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	52
CVAT65SSB1C01	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	52
CVAT80SSB1C01	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	52
CVAT15SSSEC01	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	53
CVAT25SSSEC01	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	53
CVAT40SSSEC01	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	53
CVAT50SSSEC01	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	53
CVAT65SSSEC01	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	53
CVAT80SSSEC01	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	53
CVAT15SSNPC01	1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	54
CVAT25SSNPC01	1" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	54
CVAT40SSNPC01	1.1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	54
CVAT50SSNPC01	2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	54
CVAT65SSNPC01	2.1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	54
CVAT80SSNPC01	3" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	54
CVAT15SSGGC01	1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	55
CVAT25SSGGC01	1" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	55
CVAT40SSGGC01	1.1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	55
CVAT50SSGGC01	2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	55
CVAT65SSGGC01	2.1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	55
CVAT80SSGGC01	3" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	55
CVAT15SSMMC01	M26 X 1.5 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	56
CVAT25SSMMC01	M40 X 2.0 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	56
CVAT40SSMMC01	M65 X 2.0 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	56
CVAT50SSMMC01	M78 X 2.0 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	56

Overview of products

Tyre Actuated Globe Valve – Manual Override Type

TYPE CVAT PART NUMBER TABLE						
VALVE PART NUMBER	END CONNECTIONS	EXTENSION TYPE	CLOSING MODE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVAT15SSB1C02	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	57
CVAT25SSB1C02	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	57
CVAT40SSB1C02	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	57
CVAT50SSB1C02	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	57
CVAT65SSB1C02	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	57
CVAT80SSB1C02	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	57
CVAT15SSSEC02	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	58
CVAT25SSSEC02	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	58
CVAT40SSSEC02	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	58
CVAT50SSSEC02	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	58
CVAT65SSSEC02	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	58
CVAT80SSSEC02	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	58
CVAT15SSNPC02	1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	59
CVAT25SSNPC02	1" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	59
CVAT40SSNPC02	1.1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	59
CVAT50SSNPC02	2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	59
CVAT65SSNPC02	2.1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	59
CVAT80SSNPC02	3" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	59
CVAT15SSGGC02	1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	60
CVAT25SSGGC02	1" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	60
CVAT40SSGGC02	1.1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	60
CVAT50SSGGC02	2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	60
CVAT65SSGGC02	2.1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	60
CVAT80SSGGC02	3" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	60
CVAT15SSMMC02	M26 X 1.5 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	61
CVAT25SSMMC02	M40 X 2.0 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	61
CVAT40SSMMC02	M65 X 2.0 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	61
CVAT50SSMMC02	M78 X 2.0 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	61

Overview of products

Tyre Actuated Globe Valve – Weather Shield Type

TYPE CVAT PART NUMBER TABLE						
VALVE PART NUMBER	END CONNECTIONS	EXTENSION TYPE	CLOSING MODE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVAT15SSB1C03	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	62
CVAT25SSB1C03	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	62
CVAT40SSB1C03	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	62
CVAT50SSB1C03	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	62
CVAT65SSB1C03	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	62
CVAT80SSB1C03	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	62
CVAT15SSSEC03	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	63
CVAT25SSSEC03	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	63
CVAT40SSSEC03	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	63
CVAT50SSSEC03	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	63
CVAT65SSSEC03	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	63
CVAT80SSSEC03	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	63
CVAT15SSNPC03	1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	64
CVAT25SSNPC03	1" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	64
CVAT40SSNPC03	1.1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	64
CVAT50SSNPC03	2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	64
CVAT65SSNPC03	2.1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	64
CVAT80SSNPC03	3" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	64
CVAT15SSGGC03	1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	65
CVAT25SSGGC03	1" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	65
CVAT40SSGGC03	1.1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	65
CVAT50SSGGC03	2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	65
CVAT65SSGGC03	2.1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	65
CVAT80SSGGC03	3" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	65
CVAT15SSMMC03	M26 X 1.5 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	66
CVAT25SSMMC03	M40 X 2.0 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	66
CVAT40SSMMC03	M65 X 2.0 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	66
CVAT50SSMMC03	M78 X 2.0 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	66

Overview of products

Tyre Actuated Globe Valve – Weather Shield Type & Manual Override Type

TYPE CVAT PART NUMBER TABLE						
VALVE PART NUMBER	END CONNECTIONS	EXTENSION TYPE	CLOSING MODE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVAT15SSB1C04	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	67
CVAT25SSB1C04	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	67
CVAT40SSB1C04	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	67
CVAT50SSB1C04	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	67
CVAT65SSB1C04	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	67
CVAT80SSB1C04	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	67
CVAT15SSSEC04	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	68
CVAT25SSSEC04	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	68
CVAT40SSSEC04	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	68
CVAT50SSSEC04	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	68
CVAT65SSSEC04	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	68
CVAT80SSSEC04	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	68
CVAT15SSNPC04	1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	69
CVAT25SSNPC04	1" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	69
CVAT40SSNPC04	1.1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	69
CVAT50SSNPC04	2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	69
CVAT65SSNPC04	2.1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	69
CVAT80SSNPC04	3" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	69
CVAT15SSGGC04	1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	70
CVAT25SSGGC04	1" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	70
CVAT40SSGGC04	1.1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	70
CVAT50SSGGC04	2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	70
CVAT65SSGGC04	2.1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	
CVAT80SSGGC04	3" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	70
CVAT15SSMMC04	M26 X 1.5 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	71
CVAT25SSMMC04	M40 X 2.0 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	71
CVAT40SSMMC04	M65 X 2.0 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	71
CVAT50SSMMC04	M78 X 2.0 Male Metric	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	71

Overview of products

Diaphragm Actuated Globe Valves

TYPE CVAD PART NUMBER TABLE						
VALVE PART NUMBER	END CONNECTIONS	EXTENSION TYPE	CLOSING MODE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVAD15SSB1C01	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	72-73
CVAD25SSB1C01	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	72-73
CVAD40SSB1C01	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	72-73
CVAD50SSB1C01	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	72-73
CVAD65SSB1C01	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	72-73
CVAD80SSB1C01	BW.SCHD 10	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	72-73
CVAD15SSSEC01	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	74-75
CVAD25SSSEC01	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	74-75
CVAD40SSSEC01	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	74-75
CVAD50SSSEC01	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	74-75
CVAD65SSSEC01	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	74-75
CVAD80SSSEC01	SOCKET END - ASTM	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	74-75
CVAD15SSNPC01	1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	76-77
CVAD25SSNPC01	1" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	76-77
CVAD40SSNPC01	1.1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	76-77
CVAD50SSNPC01	2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	76-77
CVAD65SSNPC01	2.1/2" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	76-77
CVAD80SSNPC01	3" NPT-F ANSI B 1.20.1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	76-77
CVAD15SSGGC01	1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	78-79
CVAD25SSGGC01	1" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	78-79
CVAD40SSGGC01	1.1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	78-79
CVAD50SSGGC01	2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	78-79
CVAD65SSGGC01	2.1/2" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	78-79
CVAD80SSGGC01	3" BSP-PL - ISO-228-1	EXTENDED STEM	SPRING TO CLOSE	PN50	-196°C - +120°C	78-79

Overview of products

Diverter Valves - B.W Sch'd 10 Inlet – Female Threaded Outlets – DN25 Size Type

TYPE CVDV PPART NUMBER TABLE							
VALVE PART NUMBER	PORT A	PORT B	PORT C	INLET	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVDV25SSG1B10	G1/2"	G1/2"	PLUGGED 1/4" NPT	M40 C/W BW. SCHD 10	PN50	-196°C - +120°C	80-81
CVDV25SSN1B10	NPT 1/2"	NPT 1/2"	PLUGGED 1/4" NPT	M40 C/W BW. SCHD 10	PN50	-196°C - +120°C	80-81
CVDV25SSG2B10	G3/4"	G3/4"	PLUGGED 1/4" NPT	M40 C/W BW. SCHD 10	PN50	-196°C - +120°C	80-81
CVDV25SSN2B10	NPT 3/4"	NPT 3/4"	PLUGGED 1/4" NPT	M40 C/W BW. SCHD 10	PN50	-196°C - +120°C	80-81

Overview of products

Diverter Valves - Female Threaded – Female Threaded Outlets – DN25 Size Type

TYPE CVDV PART NUMBER TABLE							
VALVE PART NUMBER	PORT A	PORT B	PORT C	INLET	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVDV25SSG1G2	G1/2"	G1/2"	PLUGGED 1/4" NPT	G3/4"	PN50	-196°C - +120°C	82-83
CVDV25SSG2G2	G3/4"	G3/4"	PLUGGED 1/4" NPT	G3/4"	PN50	-196°C - +120°C	82-83
CVDV25SSG1G3	G1/2"	G1/2"	PLUGGED 1/4" NPT	G1"	PN50	-196°C - +120°C	82-83
CVDV25SSG2G3	G3/4"	G3/4"	PLUGGED 1/4" NPT	G1"	PN50	-196°C - +120°C	82-83
CVDV25SSN1G2	NPT 1/2"	NPT 1/2"	PLUGGED 1/4" NPT	G3/4"	PN50	-196°C - +120°C	82-83
CVDV25SSN2G2	NPT 3/4"	NPT 3/4"	PLUGGED 1/4" NPT	G3/4"	PN50	-196°C - +120°C	82-83
CVDV25SSN1G3	NPT 1/2"	NPT 1/2"	PLUGGED 1/4" NPT	G1"	PN50	-196°C - +120°C	82-83
CVDV25SSN2G3	NPT 3/4"	NPT 3/4"	PLUGGED 1/4" NPT	G1"	PN50	-196°C - +120°C	82-83
CVDV25SSG1N2	G1/2"	G1/2"	PLUGGED 1/4" NPT	NPT 3/4"	PN50	-196°C - +120°C	82-83
CVDV25SSG2N2	G3/4"	G3/4"	PLUGGED 1/4" NPT	NPT 3/4"	PN50	-196°C - +120°C	82-83
CVDV25SSG1N3	G1/2"	G1/2"	PLUGGED 1/4" NPT	NPT 1"	PN50	-196°C - +120°C	82-83
CVDV25SSG2N3	G3/4"	G3/4"	PLUGGED 1/4" NPT	NPT 1"	PN50	-196°C - +120°C	82-83
CVDV25SSN1N2	NPT 1/2"	NPT 1/2"	PLUGGED 1/4" NPT	NPT 3/4"	PN50	-196°C - +120°C	82-83
CVDV25SSN2N2	NPT 3/4"	NPT 3/4"	PLUGGED 1/4" NPT	NPT 3/4"	PN50	-196°C - +120°C	82-83
CVDV25SSN1N3	NPT 1/2"	NPT 1/2"	PLUGGED 1/4" NPT	NPT 1"	PN50	-196°C - +120°C	82-83
CVDV25SSN2N3	NPT 3/4"	NPT 3/4"	PLUGGED 1/4" NPT	NPT 1"	PN50	-196°C - +120°C	82-83

Overview of products

Diverter Valves - B.W Sch'd 10 Inlet – Female Threaded Outlets – DN40 Size Type

TYPE CVDV PART NUMBER TABLE							
VALVE PART NUMBER	PORT A	PORT B	PORT C	INLET	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVDV40SSG3B10	G1"	G1"	PLUGGED 1/4" NPT	M65 C/W BW. SCHD 10	PN50	-196°C - +120°C	84-85
CVDV40SSN3B10	NPT 1"	NPT 1"	PLUGGED 1/4" NPT	M65 C/W BW. SCHD 10	PN50	-196°C - +120°C	84-85
CVDV40SSG4B10	G1.1/4"	G1.1/4"	PLUGGED 1/4" NPT	M65 C/W BW. SCHD 10	PN50	-196°C - +120°C	84-85
CVDV40SSN4B10	NPT 1.1/4"	NPT 1.1/4"	PLUGGED 1/4" NPT	M65 C/W BW. SCHD 10	PN50	-196°C - +120°C	84-85

Overview of products

Diverter Valves - Female Threaded – Female Threaded Outlets – DN40 Size Type

TYPE CVDV PART NUMBER TABLE							
VALVE PART NUMBER	PORT A	PORT B	PORT C	INLET 'F'	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVDV40SSG3G3	G1"	G1"	PLUGGED 1/4" NPT	G1"	PN50	-196°C - +120°C	86-87
CVDV40SSG3G4	G1"	G1"	PLUGGED 1/4" NPT	G1.1/4"	PN50	-196°C - +120°C	86-87
CVDV40SSG3G5	G1"	G1"	PLUGGED 1/4" NPT	G1.1/2"	PN50	-196°C - +120°C	86-87
CVDV40SSN3G3	NPT 1"	NPT 1"	PLUGGED 1/4" NPT	G1"	PN50	-196°C - +120°C	86-87
CVDV40SSN3G4	NPT 1"	NPT 1"	PLUGGED 1/4" NPT	G1.1/4"	PN50	-196°C - +120°C	86-87
CVDV40SSN3G5	NPT 1"	NPT 1"	PLUGGED 1/4" NPT	G1.1/2"	PN50	-196°C - +120°C	86-87
CVDV40SSG3N3	G1"	G1"	PLUGGED 1/4" NPT	NPT 1"	PN50	-196°C - +120°C	86-87
CVDV40SSG3N4	G1"	G1"	PLUGGED 1/4" NPT	NPT 1.1/4"	PN50	-196°C - +120°C	86-87
CVDV40SSG3N5	G1"	G1"	PLUGGED 1/4" NPT	NPT 1.1/2"	PN50	-196°C - +120°C	86-87
CVDV40SSN3N3	NPT 1"	NPT 1"	PLUGGED 1/4" NPT	NPT 1"	PN50	-196°C - +120°C	86-87
CVDV40SSN3N4	NPT 1"	NPT 1"	PLUGGED 1/4" NPT	NPT 1.1/4"	PN50	-196°C - +120°C	86-87
CVDV40SSN3N5	NPT 1"	NPT 1"	PLUGGED 1/4" NPT	NPT 1.1/2"	PN50	-196°C - +120°C	86-87
CVDV40SSG4G3	G1.1/4"	G1.1/4"	PLUGGED 1/4" NPT	G1"	PN50	-196°C - +120°C	86-87
CVDV40SSG4G4	G1.1/4"	G1.1/4"	PLUGGED 1/4" NPT	G1.1/4"	PN50	-196°C - +120°C	86-87
CVDV40SSG4G5	G1.1/4"	G1.1/4"	PLUGGED 1/4" NPT	G1.1/2"	PN50	-196°C - +120°C	86-87
CVDV40SSN4G3	NPT 1.1/4"	NPT 1.1/4"	PLUGGED 1/4" NPT	G1"	PN50	-196°C - +120°C	86-87
CVDV40SSN4G4	NPT 1.1/4"	NPT 1.1/4"	PLUGGED 1/4" NPT	G1.1/4"	PN50	-196°C - +120°C	86-87
CVDV40SSN4G5	NPT 1.1/4"	NPT 1.1/4"	PLUGGED 1/4" NPT	G1.1/2"	PN50	-196°C - +120°C	86-87
CVDV40SSG4N3	G1.1/4"	G1.1/4"	PLUGGED 1/4" NPT	NPT 1"	PN50	-196°C - +120°C	86-87
CVDV40SSG4N4	G1.1/4"	G1.1/4"	PLUGGED 1/4" NPT	NPT 1.1/4"	PN50	-196°C - +120°C	86-87
CVDV40SSG4N5	G1.1/4"	G1.1/4"	PLUGGED 1/4" NPT	NPT 1.1/2"	PN50	-196°C - +120°C	86-87
CVDV40SSN4N3	NPT 1.1/4"	NPT 1.1/4"	PLUGGED 1/4" NPT	NPT 1"	PN50	-196°C - +120°C	86-87
CVDV40SSN4N4	NPT 1.1/4"	NPT 1.1/4"	PLUGGED 1/4" NPT	NPT 1.1/4"	PN50	-196°C - +120°C	86-87
CVDV40SSN4N5	NPT 1.1/4"	NPT 1.1/4"	PLUGGED 1/4" NPT	NPT 1.1/2"	PN50	-196°C - +120°C	86-87

Overview of products

Fill Valve Assembly Standard Type

TYPE CVFV PART NUMBER TABLE					
VALVE PART NUMBER	END CONNECTIONS	EXTENSION TYPE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVFV40SSB1C01	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	88
CVFV40SSSEC01	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	89

Overview of products

Fill Valve Assembly – Check/Strainer & Drain Assembly Type

TYPE CVFV PART NUMBER TABLE					
VALVE PART NUMBER	END CONNECTIONS	EXTENSION TYPE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVFV40SSB1C05	BW.SCHD 10	EXTENDED STEM	PN50	-196°C - +120°C	90
CVFV40SSSEC05	SOCKET END - ASTM	EXTENDED STEM	PN50	-196°C - +120°C	91

Overview of products

Fill Valve Centre Filling Assembly

TYPE CVFV CENTRE ASSEMBLY PART NUMBER TABLE							
PART NUMBER	SAFETY RELIEF PORT	STRAINER ELEMENT	CHECK FUNCTION	DRAIN ASSY (CVMG15)	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVFV40SSSECB10	X	..	..	..	PN50	-196°C - +120°C	92-93
CVFV40SSSECB20	X	X	X	..	PN50	-196°C - +120°C	92-93
CVFV40SSSECB30	X	X	X	X	PN50	-196°C - +120°C	92-93

Overview of products

Three Port Tee Adaptor

TYPE CVSP PART NUMBER TABLE				
VALVE PART NUMBER	END CONNECTIONS	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVSP40SSB1TP00	BW.SCHD 10	PN50	-196°C - +120°C	94
CVSP40SSSETP00	SOCKET END - ASTM	PN50	-196°C - +120°C	94

Overview of products

Pressure Build Up Regulator (PBU)

TYPE CVPB PART NUMBER TABLE					
VALVE PART NUMBER	SIZE TYPE	END CONNECTIONS	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVPB25SSNPF07	DN25	NPT-F	2 BAR (29 PSI) TO 8 BAR (116 PSI)	-196°C - +120°C	103-104
CVPB25SSNPF08	DN25	NPT-F	5 BAR (72.5 PSI) TO 19 BAR (275 PSI)	-196°C - +120°C	103-104
CVPB25SSNPF09	DN25	NPT-F	14 BAR (217 PSI) TO 24 BAR (290 PSI)	-196°C - +120°C	103-104
CVPB40SSB1F07	DN40	BW.SCHD 10	2 BAR (29 PSI) TO 8 BAR (116 PSI)	-196°C - +120°C	95-96
CVPB40SSB1F08	DN40	BW.SCHD 10	5 BAR (72.5 PSI) TO 19 BAR (275 PSI)	-196°C - +120°C	95-96
CVPB40SSB1F09	DN40	BW.SCHD 10	14 BAR (217 PSI) TO 24 BAR (290 PSI)	-196°C - +120°C	95-96
CVPB40SSBMF07	DN40	BW METRIC 45 X 3	2 BAR (29 PSI) TO 8 BAR (116 PSI)	-196°C - +120°C	97-98
CVPB40SSBMF08	DN40	BW METRIC 45 X 3	5 BAR (72.5 PSI) TO 19 BAR (275 PSI)	-196°C - +120°C	97-98
CVPB40SSBMF09	DN40	BW METRIC 45 X 3	14 BAR (217 PSI) TO 24 BAR (290 PSI)	-196°C - +120°C	97-98
CVPB50SSB1F06	DN50	BW.SCHD 10	1.5 BAR (22 PSI) TO 10.5 BAR (152 PSI)	-196°C - +120°C	107-108
CVPB50SSBMF06	DN50	BW METRIC 57 X 3	1.5 BAR (22 PSI) TO 10.5 BAR (152 PSI)	-196°C - +120°C	107-108

Overview of products

Back Pressure Relief Valve - Regulator (BPRV)

TYPE CVBP PART NUMBER TABLE					
VALVE PART NUMBER	SIZE TYPE	END CONNECTIONS	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVBP25SSNPF07	DN25	NPT-F	2 BAR (29 PSI) TO 8 BAR (116 PSI)	-196°C - +120°C	105-106
CVBP25SSNPF08	DN25	NPT-F	5 BAR (72.5 PSI) TO 19 BAR (275 PSI)	-196°C - +120°C	105-106
CVBP25SSNPF09	DN25	NPT-F	14 BAR (217 PSI) TO 24 BAR (290 PSI)	-196°C - +120°C	105-106
CVBP40SSB1F07	DN40	BW.SCHD 10	2 BAR (29 PSI) TO 8 BAR (116 PSI)	-196°C - +120°C	99-100
CVBP40SSB1F08	DN40	BW.SCHD 10	5 BAR (72.5 PSI) TO 19 BAR (275 PSI)	-196°C - +120°C	99-100
CVBP40SSB1F09	DN40	BW.SCHD 10	14 BAR (217 PSI) TO 24 BAR (290 PSI)	-196°C - +120°C	99-100
CVBP40SSBMF07	DN40	BW METRIC 45 X 3	2 BAR (29 PSI) TO 8 BAR (116 PSI)	-196°C - +120°C	101-102
CVBP40SSBMF08	DN40	BW METRIC 45 X 3	5 BAR (72.5 PSI) TO 19 BAR (275 PSI)	-196°C - +120°C	101-102
CVBP40SSBMF09	DN40	BW METRIC 45 X 3	14 BAR (217 PSI) TO 24 BAR (290 PSI)	-196°C - +120°C	101-102

Overview of products

Spare Headwork Assemblies

TYPE CVSP PART NUMBER TABLE					
SPARE PART NUMBER	HEADWORK TYPE	EXTENSION TYPE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVSP15HWAC01	CVMG - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	111
CVSP25HWAC01	CVMG - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	111
CVSP40HWAC01	CVMG - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	111
CVSP50HWAC01	CVMG - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	111
CVSP65HWAC01	CVMG - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	111
CVSP80HWAC01	CVMG - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	111
CVSP15HWAC00	CVMG - SPARE	NON EXTENDED	PN50	-60°C - +120°C	112
CVSP25HWAC00	CVMG - SPARE	NON EXTENDED	PN50	-60°C - +120°C	112
CVSP40HWAC00	CVMG - SPARE	NON EXTENDED	PN50	-60°C - +120°C	112
CVSP50HWAC00	CVMG - SPARE	NON EXTENDED	PN50	-60°C - +120°C	112
CVSP65HWAC00	CVMG - SPARE	NON EXTENDED	PN50	-60°C - +120°C	112
CVSP80HWAC00	CVMG - SPARE	NON EXTENDED	PN50	-60°C - +120°C	112
CVSP15HWAGC00	CVAG - SPARE	EXTENDED STEM	PN50	-60°C - +120°C	113
CVSP25HWAGC00	CVAG - SPARE	EXTENDED STEM	PN50	-60°C - +120°C	113
CVSP40HWAGC00	CVAG - CVFV - SPARE	EXTENDED STEM	PN50	-60°C - +120°C	113
CVSP50HWAGC00	CVAG - SPARE	EXTENDED STEM	PN50	-60°C - +120°C	113
CVSP65HWAGC00	CVAG - SPARE	EXTENDED STEM	PN50	-60°C - +120°C	113
CVSP80HWAGC00	CVAG - SPARE	EXTENDED STEM	PN50	-60°C - +120°C	113

Overview of products

Spare Headwork Assemblies

TYPE CVSP PART NUMBER TABLE					
SPARE PART NUMBER	HEADWORK TYPE	EXTENSION TYPE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVSP15HWNRC01	CVMS - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	114
CVSP25HWNRC01	CVMS - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	114
CVSP40HWNRC01	CVMS - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	114
CVSP50HWNRC01	CVMS - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	114
CVSP65HWNRC01	CVMS - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	114
CVSP80HWNRC01	CVMS - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	114

Overview of products

Packing & Gasket

TYPE CVSP PART NUMBER TABLE					
SPARE PART NUMBER	HEADWORK TYPE	EXTENSION TYPE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVSP15PBG00	CVMG - CVAT - CVMS - CVAG - CVAD - CVFV - SPARE	EXTENDED & NON EXTENDED STEM	PN50	-196°C - +120°C	115
CVSP25PBG00	CVMG - CVAT - CVMS - CVAG - CVAD - CVFV - SPARE	EXTENDED & NON EXTENDED STEM	PN50	-196°C - +120°C	115
CVSP40PBG00	CVMG - CVAT - CVMS - CVAG - CVAD - CVFV - SPARE	EXTENDED & NON EXTENDED STEM	PN50	-196°C - +120°C	115
CVSP50PBG00	CVMG - CVAT - CVMS - CVAG - CVAD - CVFV - SPARE	EXTENDED & NON EXTENDED STEM	PN50	-196°C - +120°C	115
CVSP65PBG00	CVMG - CVAT - CVMS - CVAG - CVAD - CVFV - SPARE	EXTENDED & NON EXTENDED STEM	PN50	-196°C - +120°C	115
CVSP80PBG00	CVMG - CVAT - CVMS - CVAG - CVAD - CVFV - SPARE	EXTENDED & NON EXTENDED STEM	PN50	-196°C - +120°C	115

Overview of products

Disc Assembly & Gasket Globe Type

TYPE CVSP PART NUMBER TABLE					
SPARE PART NUMBER	HEADWORK TYPE	EXTENSION TYPE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVSP15DABG00	CVMG - CVAT - CVAG -CVAD - CVFV - SPARE	EXTENDED & NON EXTENDED STEM	PN50	-196°C - +120°C	116
CVSP25DABG00	CVMG - CVAT - CVAG -CVAD - CVFV - SPARE	EXTENDED & NON EXTENDED STEM	PN50	-196°C - +120°C	116
CVSP40DABG00	CVMG - CVAT - CVAG -CVAD - CVFV - SPARE	EXTENDED & NON EXTENDED STEM	PN50	-196°C - +120°C	116
CVSP50DABG00	CVMG - CVAT - CVAG -CVAD - CVFV - SPARE	EXTENDED & NON EXTENDED STEM	PN50	-196°C - +120°C	116
CVSP65DABG00	CVMG - CVAT - CVAG -CVAD - CVFV - SPARE	EXTENDED & NON EXTENDED STEM	PN50	-196°C - +120°C	116
CVSP80DABG00	CVMG - CVAT - CVAG -CVAD - CVFV - SPARE	EXTENDED & NON EXTENDED STEM	PN50	-196°C - +120°C	116

Overview of products

Strainer Element & Gasket

TYPE CVSP PART NUMBER TABLE					
SPARE PART NUMBER	VALVE TYPE	MESH TYPE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVSP15SEBGSS100	CVMN SPARE	100 MESH	PN50	-196°C - +120°C	117
CVSP25SEBGSS100	CVMN SPARE	100 MESH	PN50	-196°C - +120°C	117
CVSP40SEBGSS100 - CVSP40SEFVSS100	CVMN - CVFV SPARE	100 MESH	PN50	-196°C - +120°C	117
CVSP50SEBGSS100	CVMN SPARE	100 MESH	PN50	-196°C - +120°C	117
CVSP65SEBGSS100	CVMN SPARE	100 MESH	PN50	-196°C - +120°C	117
CVSP80SEBGSS100	CVMN SPARE	100 MESH	PN50	-196°C - +120°C	117

Overview of products

Lift Check/SDNR Disc Assembly & Gasket

TYPE CVSP PART NUMBER TABLE					
SPARE PART NUMBER	HEADWORK/VALVE TYPE	EXTENSION TYPE - SDNR TYPE ONLY	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVSP15LCBABG0	CVML - CVMS - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	118
CVSP25LCBABG0	CVML - CVMS - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	118
CVSP40LCBABG0	CVML - CVMS - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	118
CVSP50LCBABG0	CVML - CVMS - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	118
CVSP65LCBABG0	CVML - CVMS - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	118
CVSP80LCBABG0	CVML - CVMS - SPARE	EXTENDED STEM	PN50	-196°C - +120°C	118

Overview of products

Tyre Actuated Globe Valve Seals & O Rings

TYPE CVSP PART NUMBER TABLE				
SPARE PART NUMBER	HEADWORK TYPE	SIZE RANGE	PRESSURE RANGE	PAGE
CVSPTAGVS00	CVAT- SPARE	DN15 - DN80	PN50	119

Overview of products

Diverter Valve Ball – Seals – Packings & Gasket

TYPE CVSP PART NUMBER TABLE				
SPARE PART NUMBER	VALVE TYPE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVSP25DVBSPG0	CVDV - SPARE	PN50	-196°C - +120°C	120
CVSP40DVBSPG0	CVDV - SPARE	PN50	-196°C - +120°C	120

Overview of products

Handwheel Spares

TYPE CVSP PART NUMBER TABLE			
SPARE PART NUMBER	**VALVE TYPE**	**H/W DIA & VALVE SIZE**	**PAGE**
CVS15HWSP00	CVMG – CVMS – CVAG – SPARE	100MM - DN15	121
CVS25HWSP00	CVMG – CVMS – CVAG – SPARE	100MM - DN25	121
CVS40HWSP00	CVMG – CVMS – CVAG – CVFV - SPARE	130MM - DN40	121
CVS50HWSP00	CVMG – CVMS – CVAG – SPARE	130MM - DN50	121
CVS65HWSP00	CVMG – CVMS – CVAG – SPARE	256MM - DN65	121
CVS80HWSP00	CVMG – CVMS – CVAG – SPARE	256MM - DN80	121
CVS15TYHWSP00	CVAT – SPARE	163MM - DN15	121
CVS25TYHWSP00	CVAT – SPARE	163MM - DN25	121
CVS40TYHWSP00	CVAT – SPARE	163MM - DN40	121
CVS50TYHWSP00	CVAT – SPARE	163MM - DN50	121
CVS65TYHWSP00	CVAT – SPARE	163MM - DN65	121
CVS80TYHWSP00	CVAT – SPARE	163MM - DN80	121

Overview of products

Pressure Build Up & Back Pressure Relief Valve Regulator Spares - DN25 & DN40 – Diaphragm set & Diaphragm Gasket

TYPE CVSP PART NUMBER TABLE				
SPARE PART NUMBER	**VALVE TYPE**	**PRESSURE RANGE**	**TEMPERATURE RANGE**	**PAGE**
CVSP25DIASP00	CVPB - CVBP - SPARE	2 BAR (29 PSI) TO 30 BAR (290 PSI)	-196°C - +120°C	122
CVSP40DIASP00	CVPB - CVBP - SPARE	2 BAR (29 PSI) TO 30 BAR (290 PSI)	-196°C - +120°C	122

Overview of products

Pressure Build Up Regulator Spares DN25 & DN40 – Seal Guide Pin/Bush & PBU Cover Gasket

TYPE CVSP PART NUMBER TABLE				
SPARE PART NUMBER	**VALVE TYPE**	**PRESSURE RANGE**	**TEMPERATURE RANGE**	**PAGE**
CVSP25PBUSP00	CVPB - CVBP - SPARE	2 BAR (29 PSI) TO 30 BAR (290 PSI)	-196°C - +120°C	123
CVSP40PBUSP01	CVPB - CVBP - SPARE	2 BAR (29 PSI) TO 30 BAR (290 PSI)	-196°C - +120°C	123

Overview of products

Back Pressure Relief Valve Regulator Spares - DN25 & DN40 Seat/Seal Assembly & Seat Cover Gasket

TYPE CVSP PART NUMBER TABLE				
SPARE PART NUMBER	VALVE TYPE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVSP25BPSASP00	CVBP - SPARE	2 BAR (29 PSI) TO 30 BAR (290 PSI)	-196°C - +120°C	124
CVSP40BPSASP00	CVBP - SPARE	2 BAR (29 PSI) TO 30 BAR (290 PSI)	-196°C - +120°C	124

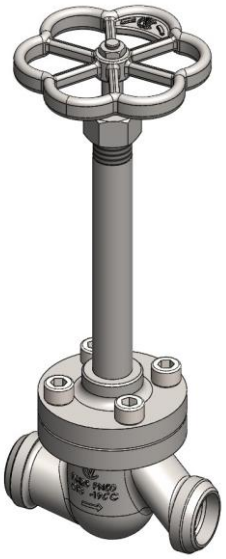
Overview of products

Pressure Build Up Regulator Spares DN50 – Bellows/Seal Assembly & Gaskets

TYPE CVSP PART NUMBER TABLE				
SPARE PART NUMBER	VALVE TYPE	PRESSURE RANGE	TEMPERATURE RANGE	PAGE
CVSP50BSA00	CVPB - SPARE	1.5 BAR (22 PSI) to 10.5 BAR (152 PSI)	-196°C - +120°C	125

Cryogenic Valve Manual Globe Extended Stem – Butt Weld Sch'd 10

Description

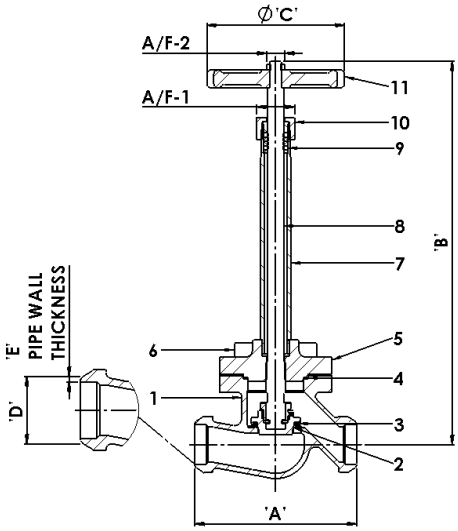


Cryogenic stainless steel extended stem globe valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing for a tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



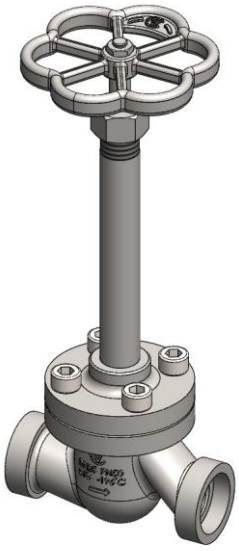
Product Part Number – CVMG**SSB1C01 - ** - For valve size see table below – Size number replaces **

Dimension in mm

TYPE CVMG	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Extension Length	'B'	250	250	270	280	300	380	390
Handwheel	'C'	100	100	100	130	130	245	245
Outside Pipe Dia	'D'	17.1	21.3	33.4	48.3	60.3	73.0	88.9
Wall Thickness	'E'	1.65	2.11	2.77	2.77	2.77	3.05	3.05
Across Flats	'A/F-1'	27	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.5	1.5	2.2	4.3	7.1	12	14
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Manual Globe Extended Stem – Socket End - ASTM

Description

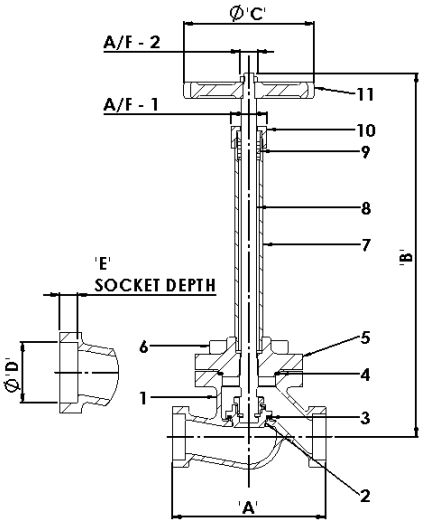


Cryogenic stainless steel extended stem globe valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing for a tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



Product Part Number – CVMG**SSSEC01 - ** - For valve size see table below – Size number replaces **

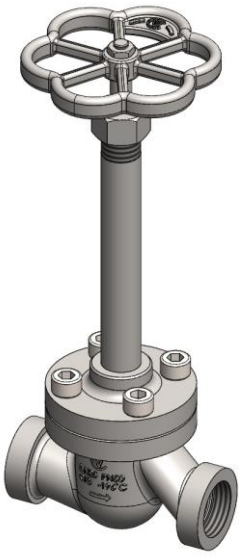
Dimension in mm

TYPE CVMG	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Extension Length	'B'	250	250	270	280	300	380	390
Handwheel	'C'	100	100	100	130	130	245	245
Socket Dia	'D'	17.65	22.0	34.0	49.0	61.95	73.0	90.05
Socket Depth	'E'	7.0	7.0	10.0	12.5	15.0	16.0	16.0
Across Flats	'A/F-1'	27	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.5	1.5	2.2	4.3	7.1	12	14
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Manual Globe Extended Stem – NPT-F – ANSI B 1.20.1

Description

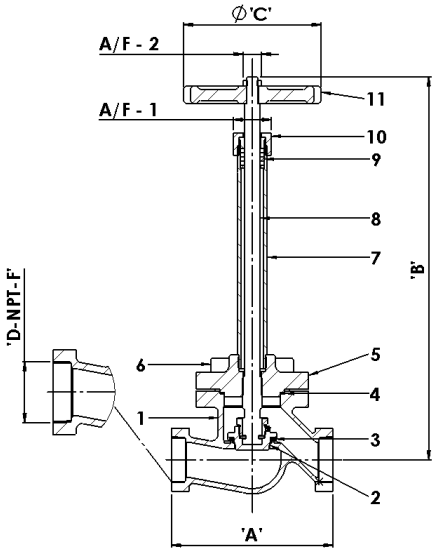
Cryogenic stainless steel extended stem globe valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing for a tight shut off.



Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



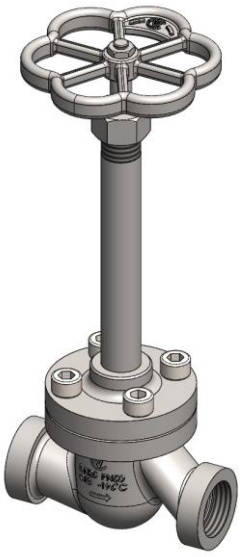
Product Part Number – CVMG**SSNPC01 - ** - For valve size see table below – Size number replaces **

Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVMG	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Extension Length	'B'	250	250	270	280	300	380	390
Handwheel	'C'	100	100	100	130	130	245	245
Thread Size NPT-F	'D'	3/8"	1/2"	1"	1.1/2"	2"	2.5"	3"
Across Flats	'A/F-1'	27	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.5	1.5	2.2	4.3	7.1	12	14
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Manual Globe Extended Stem – BSP-PL – ISO -228 -1

Description

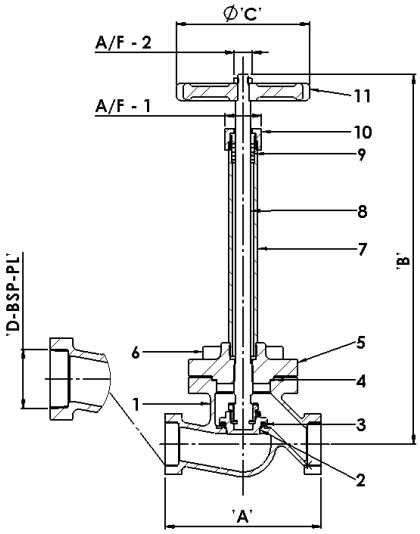


Cryogenic stainless steel extended stem globe valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing for a tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



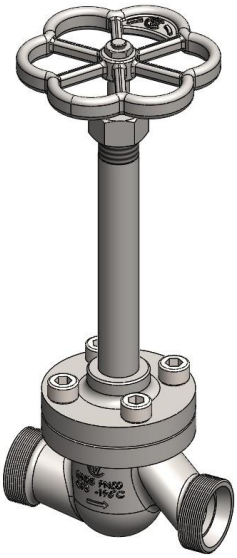
Product Part Number – CVMG**SSGGC01 - ** - For valve size see table below – Size number replaces **

Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVMG	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Extension Length	'B'	250	250	270	280	300	380	390
Handwheel	'C'	100	100	100	130	130	245	245
Thread Size BSP-PL	'D'	3/8"	1/2"	1"	1.1/2"	2"	2.5"	3"
Across Flats	'A/F-1'	27	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.5	1.5	2.2	4.3	7.1	12	14
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Manual Globe Extended Stem – Male Metric Thread

Description

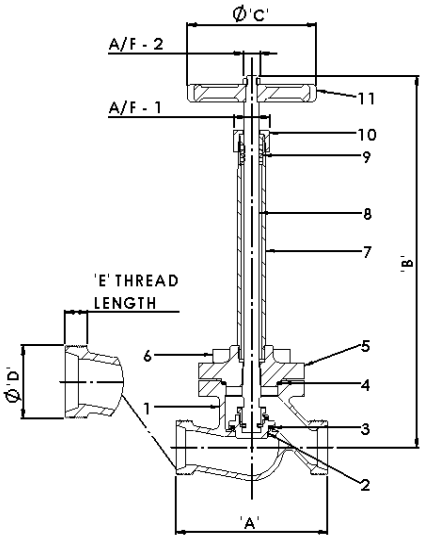


Cryogenic stainless steel extended stem globe valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing for a tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



Product Part Number – CVMG**SSMMC01 - ** - For valve size see table below – Size number replaces **

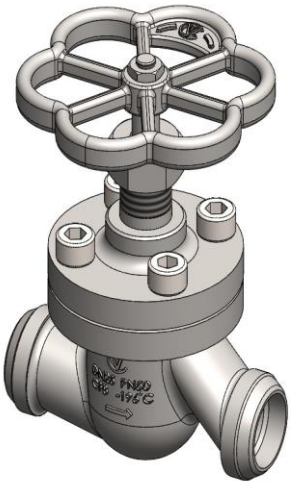
Dimension in mm – DN65 & DN80 Metric Male Thread available on request.

TYPE CVMG	Technical Data				
Nominal Size **	**DN**	**15**	**25**	**40**	**50**
length	'A'	85	115	140	200
Extension Length	'B'	250	270	280	300
Handwheel	'C'	100	100	130	130
Thread Size	'D'	M26 X 1.5	M40 X 2.0	M65 X 2.0	M78 X 2.0
Thread Length 'Min'	'E'	7.00	11.00	17.00	20.00
Across Flats	'A/F-1'	27	27	30	30
Across Flats	'A/F-2'	M8	M8	M10	M10
Weight	Kg's	1.5	2.2	4.3	7.1
CV	US-gal/min	4	14	33	64

Cryogenic Valve Manual Globe Non-Extended Stem – Butt Weld Sch'd 10

Description

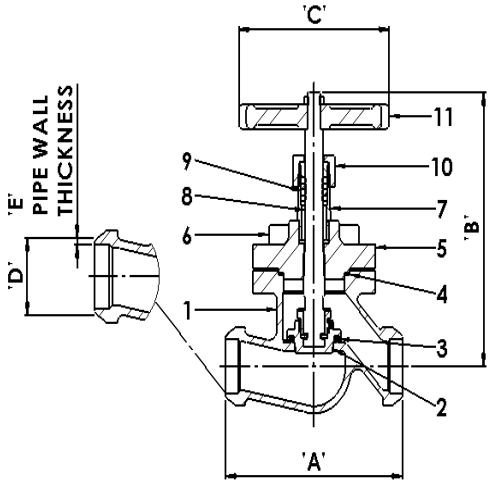
Cryogenic stainless steel non-extended stem globe valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing for a tight shut off.



Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Recommended Working Temperature: -60 Degrees Celsius /-76 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



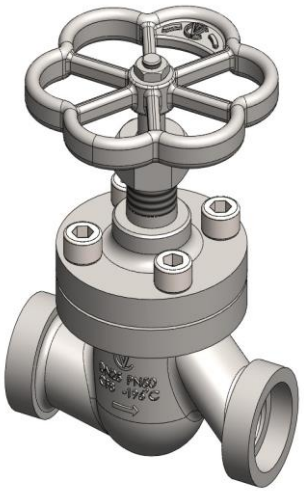
Product Part Number – CVMG**SSB1C00 - ** - For valve size see table below – Size number replaces **

Dimension in mm

TYPE CVMG	Technical Data							
Nominal Size **	**DN**	**10**	**15**	**25**	**40**	**50**	**65**	**80**
length	'A'	85	85	115	140	200	216	241
Extension Length	'B'	140	140	140	175	200	300	300
Handwheel	'C'	100	100	100	130	130	245	245
Outside Pipe Dia	'D'	17.1	21.3	33.4	48.3	60.3	73.0	88.9
Wall Thickness	'E'	1.65	2.11	2.77	2.77	2.77	3.05	3.05
Across Flats	'A/F-1'	27	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.5	1.5	2.2	4.3	7.1	12	14
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Manual Globe Non-Extended Stem – Socket End - ASTM

Description

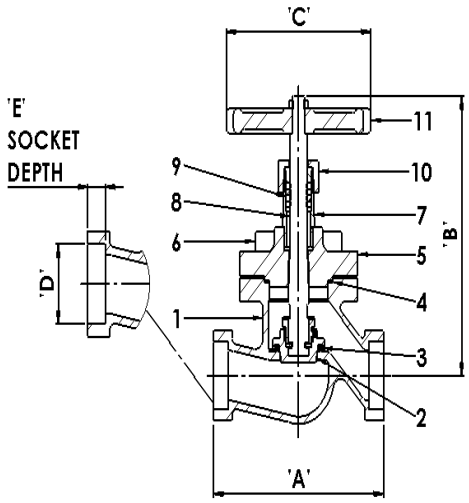


Cryogenic stainless steel non-extended stem globe valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing for a tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Recommended Working Temperature: -60 Degrees Celsius /-76 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



Product Part Number – CVMG**SSSEC00 - ** - For valve size see table below – Size number replaces **

Dimension in mm

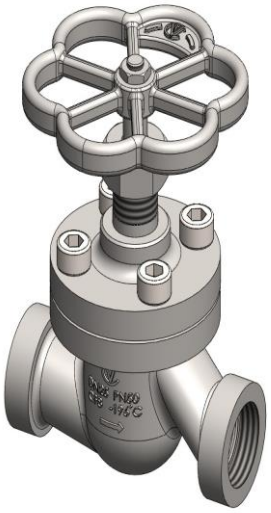
TYPE CVMG	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Extension Length	'B'	140	140	140	175	200	300	300
Handwheel	'C'	100	100	100	130	130	245	245
Socket Dia	'D'	17.65	22.0	34.0	49.0	61.95	73.0	90.05
Socket Depth	'E'	7.0	7.0	10.0	12.5	15.0	16.0	16.0
Across Flats	'A/F-1'	27	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.5	1.5	2.2	4.3	7.1	12	14
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Type CVMG - Valves for Cryogenic Service

Cryogenic Valve Manual Globe Non-Extended Stem – NPT-F – ANSI B 1.20.1

Description

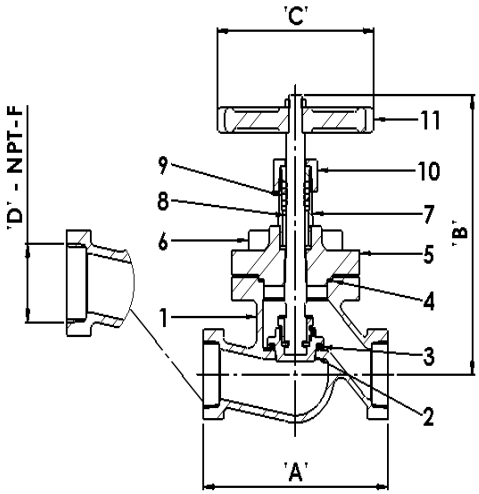
Cryogenic stainless steel non-extended stem globe valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing for a tight shut off.



Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Recommended Working Temperature: -60 Degrees Celsius /-76 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



Product Part Number – CVMG**SSNPC00 - ** - For valve size see table below – Size number replaces **

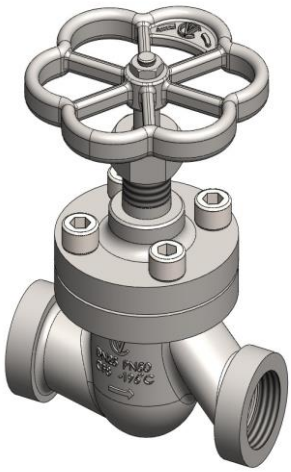
Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVMG	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Extension Length	'B'	140	140	140	175	200	300	300
Handwheel	'C'	100	100	100	130	130	245	245
Thread Size NPT-F	'D'	3/8"	1/2"	1"	1.1/2"	2"	2.5"	3"
Across Flats	'A/F-1'	27	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.5	1.5	2.2	4.3	7.1	12	14
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Manual Globe Non-Extended Stem – BSP-PL – ISO-228-1

Description

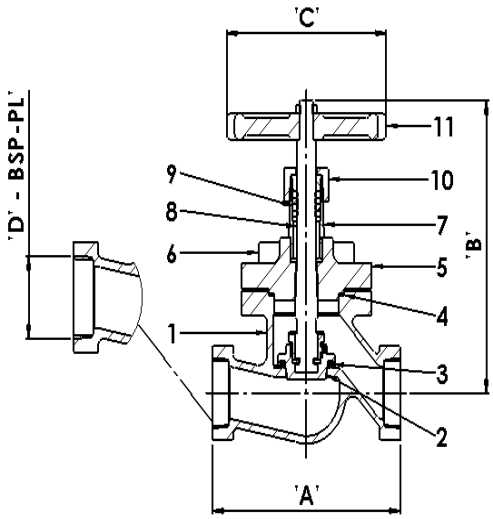
Cryogenic stainless steel non-extended stem globe valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing for a tight shut off.



Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Recommended Working Temperature: -60 Degrees Celsius /-76 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



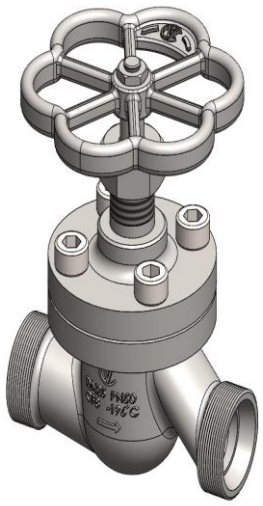
Product Part Number – CVMG**SSGGC00 - ** - For valve size see table below – Size number replaces **

Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVMG	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Extension Length	'B'	140	140	140	175	200	300	300
Handwheel	'C'	100	100	100	130	130	245	245
Thread Size BSP-PL	'D'	3/8"	1/2"	1"	1.1/2"	2"	2.5"	3"
Across Flats	'A/F-1'	27	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.5	1.5	2.2	4.3	7.1	12	14
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Manual Globe Non-Extended Stem – Male Metric Thread

Description

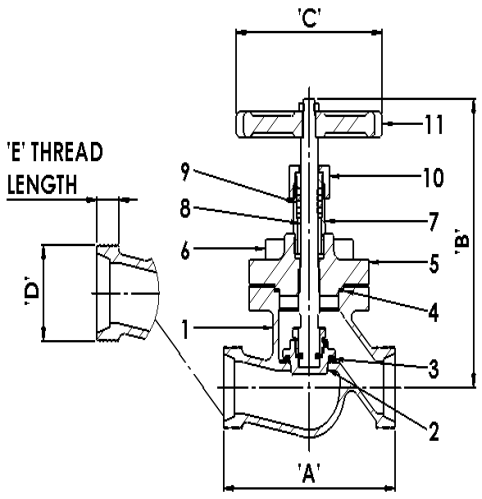


Cryogenic stainless steel non-extended stem globe valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing for a tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Recommended Working Temperature: -60 Degrees Celsius /-76 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



Product Part Number – CVMG**SSMMC00 - ** - For valve size see table below – Size number replaces **

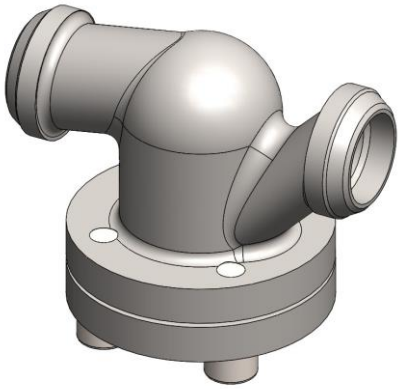
Dimension in mm – DN65 & DN80 Metric Male Thread available on request.

TYPE CVMG	Technical Data				
Nominal Size **	DN	15	25	40	50
length	'A'	85	115	140	200
Extension Length	'B'	140	140	175	200
Handwheel	'C'	100	100	130	130
Thread Size	'D'	M26 X 1.5	M40 X 2.0	M65 X 2.0	M78 X 2.0
Thread Length 'Min'	'E'	7.00	11.00	17.00	20.00
Across Flats	'A/F-1'	27	27	30	30
Across Flats	'A/F-2'	M8	M8	M10	M10
Weight	Kg's	1.5	2.2	4.3	7.1
CV	US-gal/min	4	14	33	64

Cryogenic Valve Strainer – Butt Weld Sch'd 10

Description

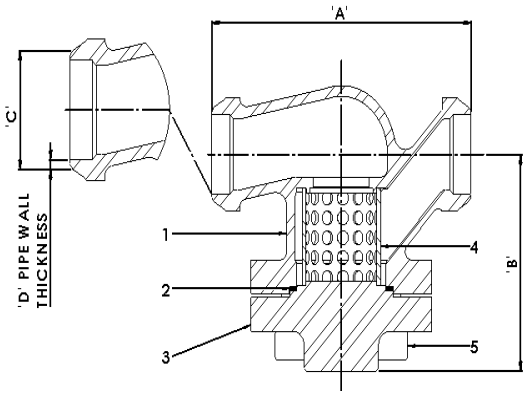
Cryogenic stainless steel 'T' type strainer.
S-Shape style body for optimal flow. Graphite body/cover joint. 100 Mesh stainless steel filter elements as standard.



Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Bonnet Gasket	ST.ST/GRAPHITE
3	Cover	ASTM A351 CF8
4	Strainer Element	ST.ST 316 -10088-3 1.4401
5	Capscrews	BS6105 ST.ST A2 GR70



Product Part Number – CVMN**SSB1F00 - ** - For valve size see table below – Size number replaces **

Other mesh sizes available on request

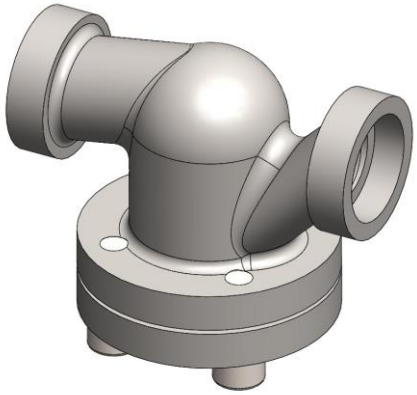
Dimension in mm

TYPE CVMN	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Valve Height	'B'	60	60	76	98	118	140	155
Outside Pipe Dia	'C'	17.1	21.3	33.4	48.3	60.3	73.0	88.9
Wall Thickness	'D'	1.65	2.11	2.77	2.77	2.77	3.05	3.05
Weight	Kg's	1	1	1.5	3	6	9	13
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Strainer – Socket End - ASTM

Description

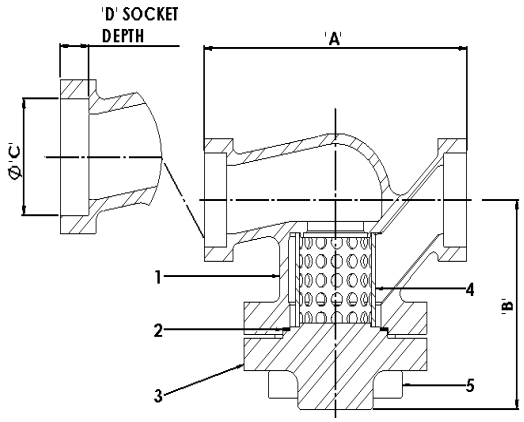
Cryogenic stainless steel 'T' type strainer.
S-Shape style body for optimal flow. Graphite body/cover joint. 100 Mesh stainless steel filter elements as standard.



Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Bonnet Gasket	ST.ST/GRAPHITE
3	Cover	ASTM A351 CF8
4	Strainer Element	ST.ST 316 -10088-3 1.4401
5	Capscrews	BS6105 ST.ST A2 GR70



Product Part Number – CVMN**SSSEF00 - ** - For valve size see table below – Size number replaces **

Other mesh sizes available on request

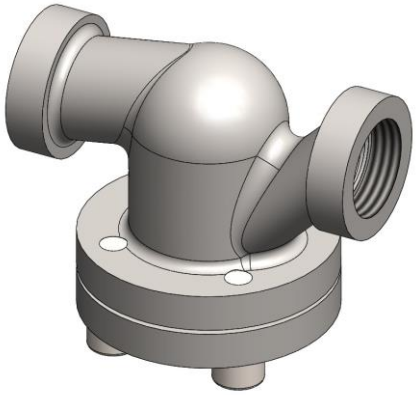
Dimension in mm

TYPE CVMN	Technical Data							
**Nominal Size ** **	**DN**	**10**	**15**	**25**	**40**	**50**	**65**	**80**
length	'A'	85	85	115	140	200	216	241
Valve Height	'B'	60	60	76	98	118	140	155
Socket Dia	'C'	17.65	22.0	34.0	49.0	61.95	73.0	90.05
Socket Depth	'D'	7.0	7.0	10.0	12.5	15.0	16.0	16.0
Weight	Kg's	1	1	1.5	3	6	9	13
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Strainer – NPT-F – ANSI B 1.20.1

Description

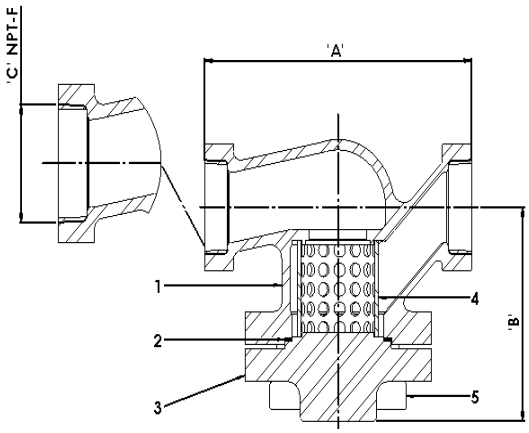
Cryogenic stainless steel 'T' type strainer.
S-Shape style body for optimal flow. Graphite body/cover joint. 100 Mesh stainless steel filter elements as standard.



Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Bonnet Gasket	ST.ST/GRAPHITE
3	Cover	ASTM A351 CF8
4	Strainer Element	ST.ST 316 -10088-3 1.4401
5	Capscrews	BS6105 ST.ST A2 GR70



Product Part Number – CVMN**SSNPF00 - ** - For valve size see table below – Size number replaces **

Other mesh sizes available on request

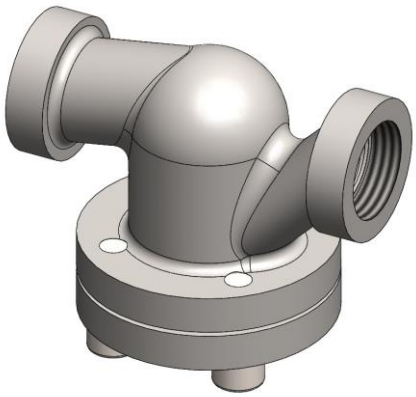
Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVMN	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Valve Height	'B'	60	60	76	98	118	140	155
Thread Size NPT-F	'C'	3/8"	1/2"	1"	1.1/2"	2"	2.5"	3"
Weight	Kg's	1	1	1.5	3	6	9	13
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Strainer – BSP-PL – ISO-228- 1

Description

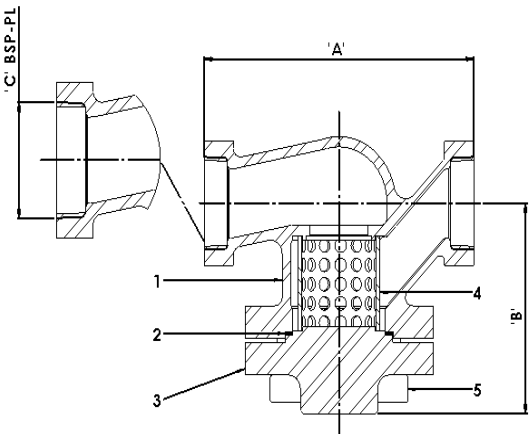
Cryogenic stainless steel 'T' type strainer.
S-Shape style body for optimal flow. Graphite body/cover joint. 100 Mesh stainless steel filter elements as standard.



Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Bonnet Gasket	ST.ST/GRAPHITE
3	Cover	ASTM A351 CF8
4	Strainer Element	ST.ST 316 -10088-3 1.4401
5	Capscrews	BS6105 ST.ST A2 GR70



Product Part Number – **CVMN**SSGGF00** - ** - For valve size see table below – Size number replaces **

Other mesh sizes available on request

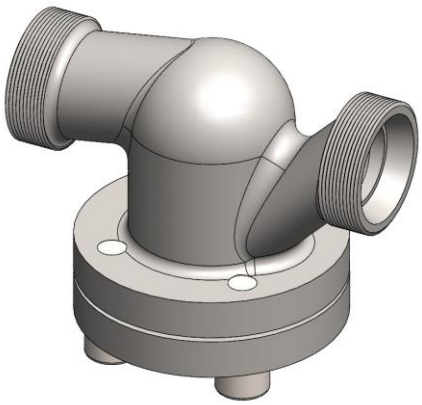
Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVMN	Technical Data							
Nominal Size **	**DN**	**10**	**15**	**25**	**40**	**50**	**65**	**80**
length	'A'	85	85	115	140	200	216	241
Valve Height	'B'	60	60	76	98	118	140	155
Thread Size BSP-PL	'C'	3/8"	1/2"	1"	1.1/2"	2"	2.5"	3"
Weight	Kg's	1	1	1.5	3	6	9	13
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Strainer – Male Metric Thread

Description

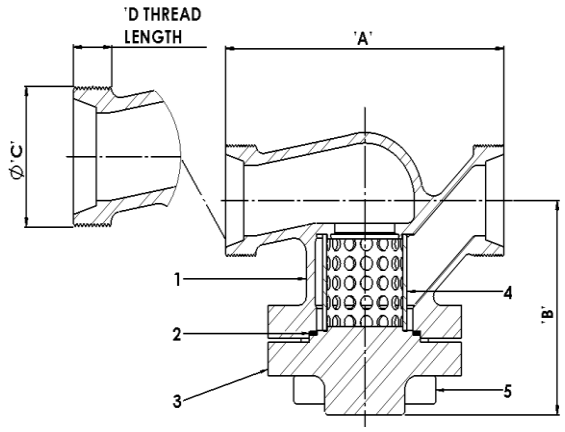
Cryogenic stainless steel 'T' type strainer.
S-Shape style body for optimal flow. Graphite body/cover joint. 100 Mesh stainless steel filter elements as standard.



Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Bonnet Gasket	ST.ST/GRAPHITE
3	Cover	ASTM A351 CF8
4	Strainer Element	ST.ST 316 -10088-3 1.4401
5	Capscrews	BS6105 ST.ST A2 GR70



Product Part Number – **CVMN**SSMMF00** - ** - For valve size see table below – Size number replaces **

Other mesh sizes available on request

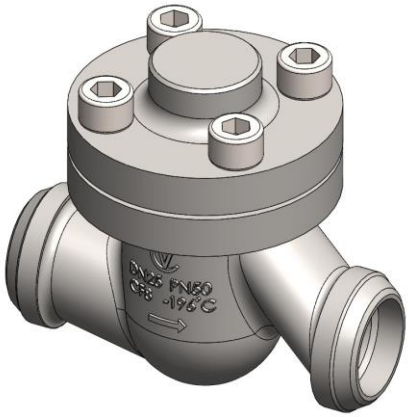
Dimension in mm – DN65 & DN80 Metric Male Thread available on request.

TYPE CVMN	Technical Data				
Nominal Size **	**DN**	**15**	**25**	**40**	**50**
length	'A'	85	115	140	200
Valve Height	'B'	60	76	98	118
Thread Size	'C'	M26 X 1.5	M40 X 2.0	M65 X 2.0	M78 X 2.0
Thread Length 'Min'	'D'	7.00	11.00	17.00	20.00
Weight	Kg's	1	1.5	3	6
CV	US-gal/min	4	14	33	64
KV	m^3/h	3.5	12	29	50

Cryogenic Valve Lift Check – Butt Weld Sch'd 10

Description

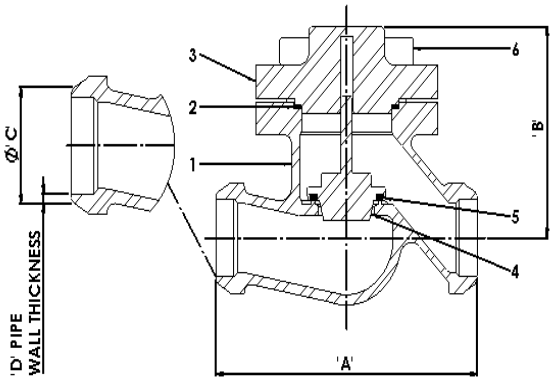
Cryogenic stainless steel lift check valve.
S-Shape style body for optimal flow. Graphite body/cover joint. PTFE sealing for tight shut off.



Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Bonnet Gasket	ST.ST/GRAPHITE
3	Cover	ASTM A351 CF8
4	Disc	ST.ST 316 -10088-3 1.4401
5	Seal	PTFE/CARBON FILLED
6	Capscrews	BS6105 ST.ST A2 GR70



Product Part Number – CVML**SSB1F00 - ** - For valve size see table below – Size number replaces **

Standard 'No Spring' is standard supply. - Opening spring version available on request

Dimension in mm

TYPE CVML	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Valve Height	'B'	60	60	76	98	118	140	155
Outside Pipe Dia	'C'	17.1	21.3	33.4	48.3	60.3	73.0	88.9
Wall Thickness	'D'	1.65	2.11	2.77	2.77	2.77	3.05	3.05
Weight	Kg's	1.2	1.2	2.2	3.3	6.3	10.00	13.0
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Lift Check – Socket End - ASTM

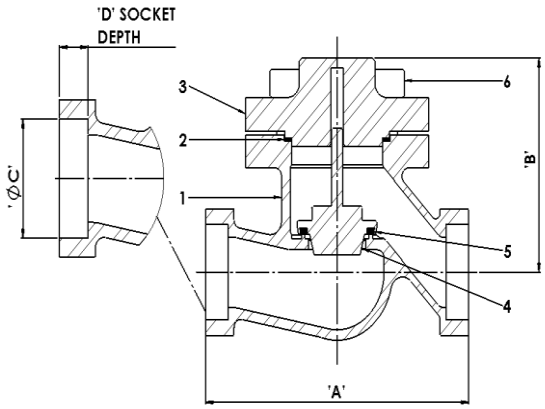
Description

Cryogenic stainless steel lift check valve.
S-Shape style body for optimal flow. Graphite body/cover joint. PTFE sealing for tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Bonnet Gasket	ST.ST/GRAPHITE
3	Cover	ASTM A351 CF8
4	Disc	ST.ST 316 -10088-3 1.4401
5	Seal	PTFE/CARBON FILLED
6	Capscrews	BS6105 ST.ST A2 GR70



Product Part Number – CVML**SSSEF00 - ** - For valve size see table below – Size number replaces **

Standard 'No Spring' is standard supply. - Opening spring version available on request

Dimension in mm

TYPE CVML	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Valve Height	'B'	60	60	76	98	118	140	155
Socket Dia	'C'	17.65	22.0	34.0	49.0	61.95	73.0	90.05
Socket Depth	'D'	7.0	7.0	10.0	12.5	15.0	16.0	16.0
Weight	Kg's	1.2	1.2	2.2	3.3	6.3	10.00	13.0
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Lift Check – Socket End – NPT-F – ANSI B 1.20.1

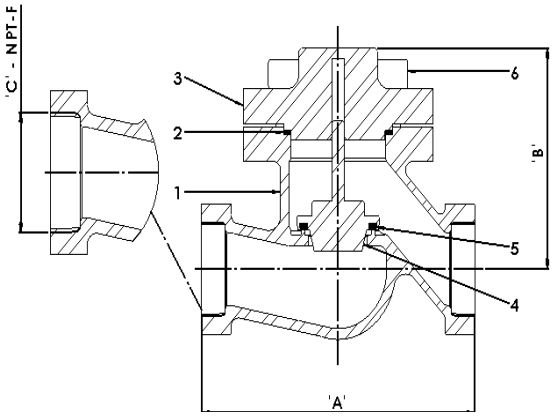
Description

Cryogenic stainless steel lift check valve.
S-Shape style body for optimal flow. Graphite body/cover joint. PTFE sealing for tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Bonnet Gasket	ST.ST/GRAPHITE
3	Cover	ASTM A351 CF8
4	Disc	ST.ST 316 -10088-3 1.4401
5	Seal	PTFE/CARBON FILLED
6	Capscrews	BS6105 ST.ST A2 GR70



Product Part Number – CVML**SSNPF00 - ** - For valve size see table below – Size number replaces **

Standard 'No Spring' is standard supply. - Opening spring version available on request

Dimension in mm - Except Thread DIA which is an imperial measurement

TYPE CVML	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Valve Height	'B'	60	60	76	98	118	140	155
Thread Size NPT-F	'C'	3/8"	1/2"	1"	1.1/2"	2"	2.1/2"	3"
Weight	Kg's	1.2	1.2	2.2	3.3	6.3	10.00	13.0
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Lift Check – Socket End – BSP-PL – ISO 228-1

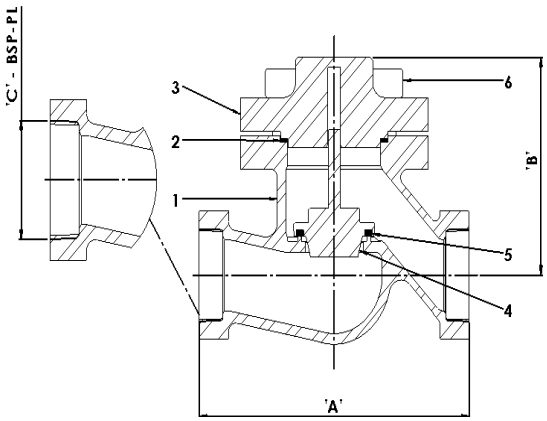
Description

Cryogenic stainless steel lift check valve.
S-Shape style body for optimal flow. Graphite body/cover joint. PTFE sealing for tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Bonnet Gasket	ST.ST/GRAPHITE
3	Cover	ASTM A351 CF8
4	Disc	ST.ST 316 -10088-3 1.4401
5	Seal	PTFE/CARBON FILLED
6	Capscrews	BS6105 ST.ST A2 GR70



Product Part Number – CVML**SSGGF00 - ** - For valve size see table below – Size number replaces **

Standard 'No Spring' is standard supply. - Opening spring version available on request

Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVML	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Valve Height	'B'	60	60	76	98	118	140	155
Thread Size BSP-PL	'C'	3/8"	1/2"	1"	1.1/2"	2"	2.1/2"	3"
Weight	Kg's	1.2	1.2	2.2	3.3	6.3	10.00	13.0
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Lift Check – Male Metric Thread

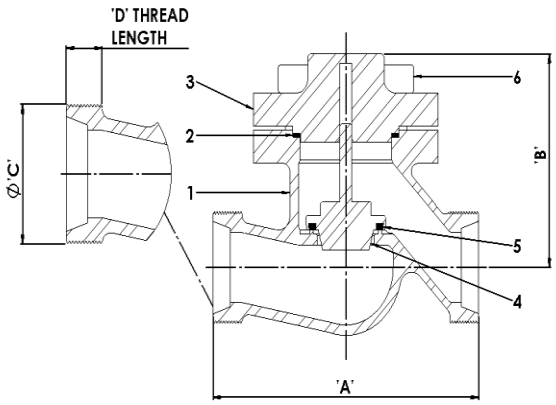
Description

Cryogenic stainless steel lift check valve.
S-Shape style body for optimal flow. Graphite body/cover joint. PTFE sealing for tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Bonnet Gasket	ST.ST/GRAPHITE
3	Cover	ASTM A351 CF8
4	Disc	ST.ST 316 -10088-3 1.4401
5	Seal	PTFE/CARBON FILLED
6	Capscrews	BS6105 ST.ST A2 GR70



Product Part Number – CVML**SSMMF00 - ** - For valve size see table below – Size number replaces **

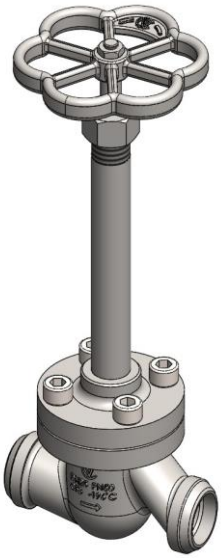
Standard 'No Spring' is standard supply. - Opening spring version available on request

Dimension in mm - DN65 & DN80 Metric Male Thread available on request

TYPE CVML	Technical Data				
Nominal Size **	DN	15	25	40	50
length	'A'	85	115	140	200
Valve Height	'B'	60	76	98	118
Thread Size	'C'	M26 X 1.5	M40 X 2.0	M65 X 2.0	M78 X 2.0
Thread Length 'Min'	'D'	7.0	11.0	17.0	20.0
Weight	Kg's	1.2	2.2	3.3	6.3
CV	US-gal/min	4	14	33	64
KV	m^3/h	3.5	12	29	50

Cryogenic Valve Manual - Screw Down Non-Return – Butt Weld Sch'd 10

Description

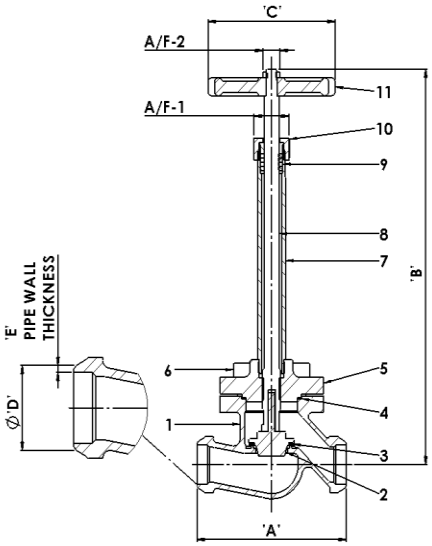


Cryogenic stainless steel extended stem SDNR type valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
PTFE sealing for a tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



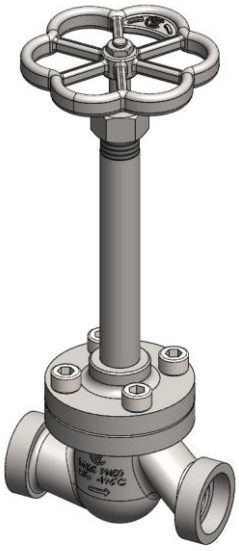
Product Part Number – CVMS**SSB1C01 - ** - For valve size see table below – Size number replaces **

Dimension in mm – Spring check function available on request.

TYPE CVMS	Technical Data							
Nominal Size **	**DN**	**10**	**15**	**25**	**40**	**50**	**65**	**80**
length	'A'	85	85	115	140	200	216	241
Extension Length	'B'	250	250	270	280	300	380	390
Handwheel	'C'	100	100	100	130	130	245	245
Outside Pipe Dia	'D'	17.1	21.3	33.4	48.3	60.3	73.0	88.9
Wall Thickness	'E'	1.65	2.11	2.77	2.77	2.77	3.05	3.05
Across Flats	'A/F-1'	27	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.5	1.5	2.2	4.3	7.1	12	14
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Manual - Screw Down Non-Return – Socket End - ASTM

Description

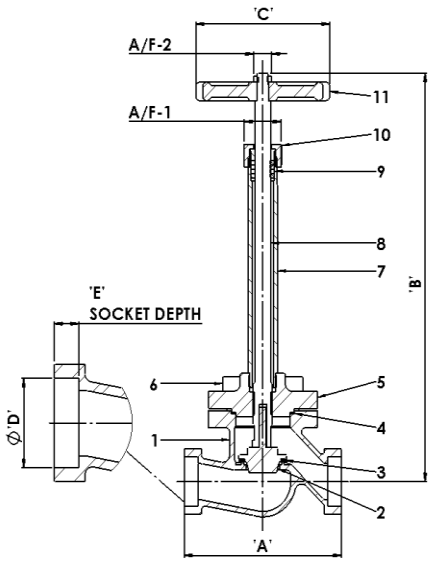


Cryogenic stainless steel extended stem SDNR type valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
PTFE sealing for a tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



Product Part Number – CVMS**SSSEC01 - ** - For valve size see table below – Size number replaces **

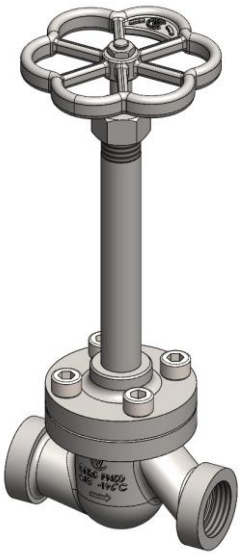
Dimension in mm – Spring check function available on request.

TYPE CVMS	Technical Data							
Nominal Size **	**DN**	**10**	**15**	**25**	**40**	**50**	**65**	**80**
length	'A'	85	85	115	140	200	216	241
Extension Length	'B'	250	250	270	280	300	380	390
Handwheel	'C'	100	100	100	130	130	245	245
Socket Dia	'D'	17.65	22.0	34.0	49.0	61.95	73.0	90.05
Socket Depth	'E'	7.0	7.0	10.0	12.5	15.0	16.0	16.0
Across Flats	'A/F-1'	27	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.5	1.5	2.2	4.3	7.1	12	14
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Manual - Screw Down Non-Return – NPT-F – ANSI B 1.20.1

Description

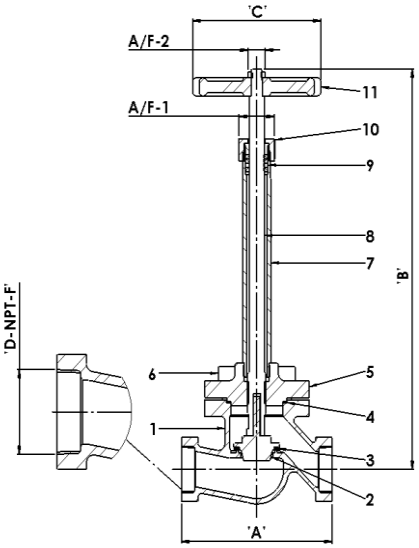
Cryogenic stainless steel extended stem SDNR type valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
PTFE sealing for a tight shut off.



Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



Product Part Number – CVMS**SSNPC01 - ** - For valve size see table below – Size number replaces **

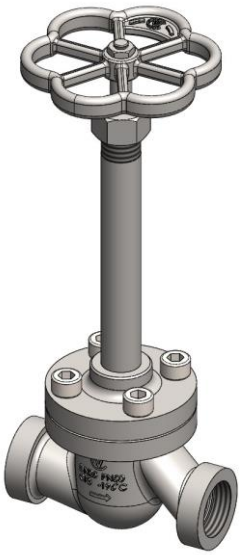
Dimension in mm – Except Thread DIA which is an imperial measurement - Spring check function available on request.

TYPE CVMS	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Extension Length	'B'	250	250	270	280	300	380	390
Handwheel	'C'	100	100	100	130	130	245	245
Thread Size NPT-F	'D'	3/8"	1/2"	1"	1.1/2"	2"	2.5"	3"
Across Flats	'A/F-1'	27	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.5	1.5	2.2	4.3	7.1	12	14
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Manual - Screw Down Non-Return – BSP-PL – ISO -228 -1

Description

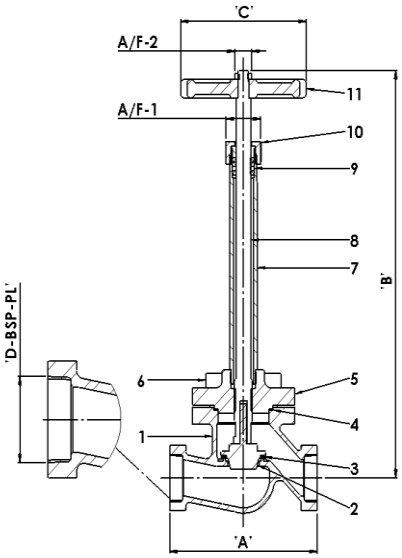
Cryogenic stainless steel extended stem SDNR type valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
PTFE sealing for a tight shut off.



Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



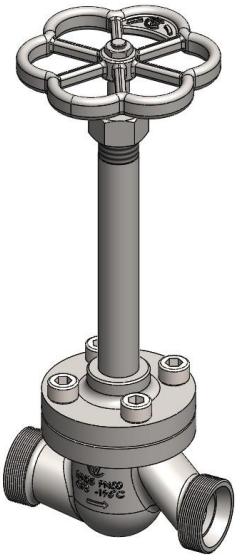
Product Part Number – CVMS**SSGGC01 - ** - For valve size see table below – Size number replaces **

Dimension in mm – Except Thread DIA which is an imperial measurement - Spring check function available on request.

TYPE CVMS	Technical Data							
Nominal Size **	DN	10	15	25	40	50	65	80
length	'A'	85	85	115	140	200	216	241
Extension Length	'B'	250	250	270	280	300	380	390
Handwheel	'C'	100	100	100	130	130	245	245
Thread Size BSP-PL	'D'	3/8"	1/2"	1"	1.1/2"	2"	2.5"	3"
Across Flats	'A/F-1'	27	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.5	1.5	2.2	4.3	7.1	12	14
CV	US-gal/min	4	4	14	33	64	75	115
KV	m^3/h	3.5	3.5	12	29	50	65	99.5

Cryogenic Valve Manual - Screw Down Non-Return – Male Metric Thread

Description

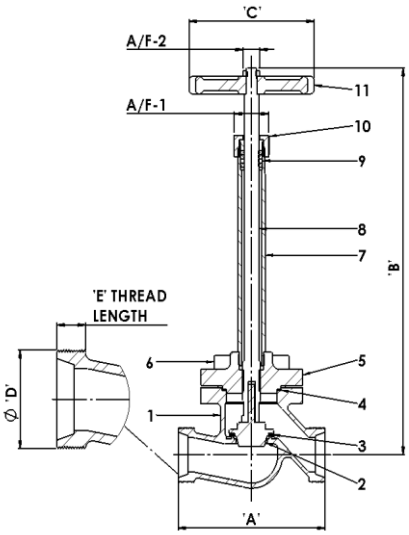


Cryogenic stainless steel extended stem SDNR type valve.
S-Shape style body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
PTFE sealing for a tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



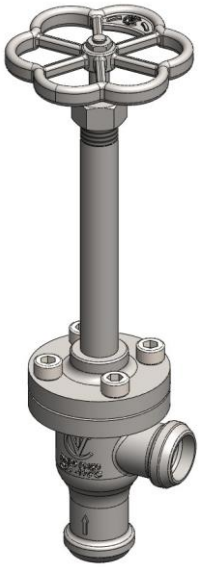
Product Part Number – CVMS**SSMMC01 - ** - For valve size see table below – Size number replaces **

Dimension in mm – DN65 & DN80 Metric Male Thread available on request - Spring check function available on request.

TYPE CVMS	Technical Data				
Nominal Size **	DN	15	25	40	50
length	'A'	85	115	140	200
Extension Length	'B'	250	270	280	300
Handwheel	'C'	100	100	130	130
Thread Size	'D'	M26 X 1.5	M40 X 2.0	M65 X 2.0	M78 X 2.0
Thread Length 'Min'	'E'	7.00	11.00	17.00	20.00
Across Flats	'A/F-1'	27	27	30	30
Across Flats	'A/F-2'	M8	M8	M10	M10
Weight	Kg's	1.5	2.2	4.3	7.1
CV	US-gal/min	4	14	33	64

Cryogenic Valve Angle Globe Extended Stem – Butt Weld Sch'd 10

Description

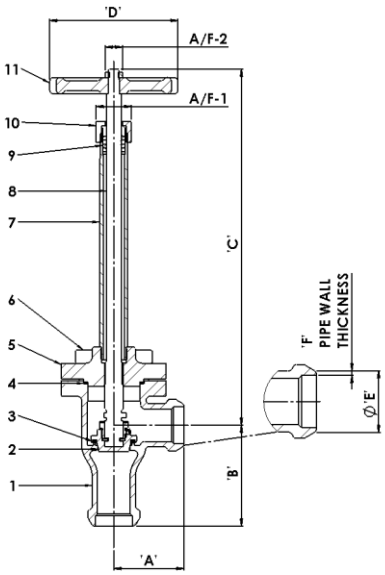


Cryogenic stainless steel extended stem angle globe valve.
T-Shape design body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing for a tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



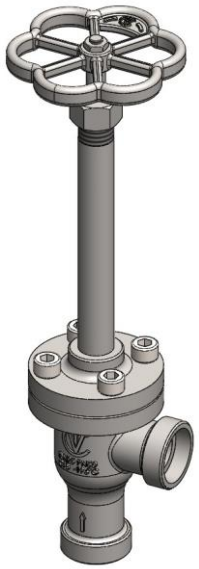
Product Part Number – CVAG**SSB1C01 - ** - For valve size see table below – Size number replaces **

Dimension in mm

TYPE CVAG	Technical Data				
Nominal Size **	DN	15	25	40	50
length	'A'	42	55	68	85
length	'B'	50	80	90	90
Extension Length	'C'	250	270	280	280
Handwheel	'D'	100	100	130	130
Outside Pipe Dia	'E'	21.3	33.4	48.3	60.3
Wall Thickness	'F'	2.11	2.77	2.77	2.77
Across Flats	'A/F-1'	27	27	30	30
Across Flats	'A/F-2'	M8	M8	M10	M10
Weight	Kg's	1.3	2.0	4.0	6.0
CV	US-gal/min	4	14	33	64
KV	m^3/h	3.5	12	29	50

Cryogenic Valve Angle Globe Extended Stem – Socket End - ASTM

Description

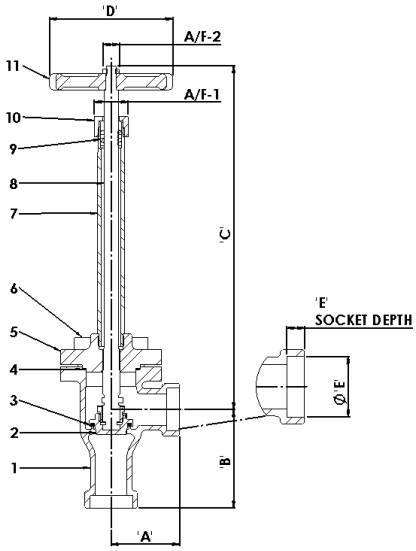


Cryogenic stainless steel extended stem angle globe valve.
T-Shape design body for optimal flow. Graphite sealing packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing for a tight shut off.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



Product Part Number – CVAG**SSSEC01 - ** - For valve size see table below – Size number replaces **

Dimension in mm

TYPE CVAG	Technical Data				
Nominal Size **	DN	15	25	40	50
length	'A'	42	55	68	85
length	'B'	50	80	90	90
Extension Length	'C'	250	270	280	280
Handwheel	'D'	100	100	130	130
Socket Dia	'E'	22.0	34.0	49.0	61.45
Socket Depth	'F'	7.0	10.0	12.5	15.0
Across Flats	'A/F-1'	27	27	30	30
Across Flats	'A/F-2'	M8	M8	M10	M10
Weight	Kg's	1.3	2.0	4.0	6.0
CV	US-gal/min	4	14	33	64
KV	m^3/h	3.5	12	29	50

Cryogenic Valve Actuated Tyre Globe Extended Stem – Butt Weld Sch'd 10

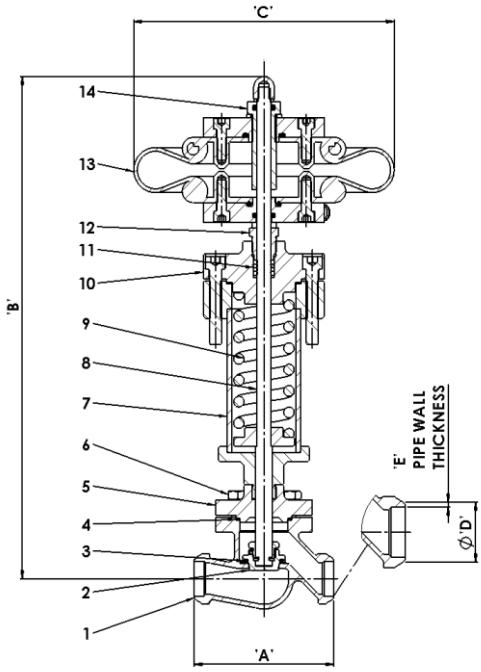
Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401



Product Part Number – CVAT**SSB1C01 - ** - For valve size see table below – Size number replaces **

Dimension in mm

TYPE CVAT	Technical Data						
Nominal Size **	**DN**	**15**	**25**	**40**	**50**	**65**	**80**
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	400	420	400	414	440	466
Actuator Dia	'C'	230	230	230	230	230	230
Outside Pipe Dia	'D'	21.3	33.4	48.3	60.3	73.0	88.9
Wall Thickness	'E'	2.11	2.77	2.77	2.77	3.05	3.05
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem – Socket End - ASTM

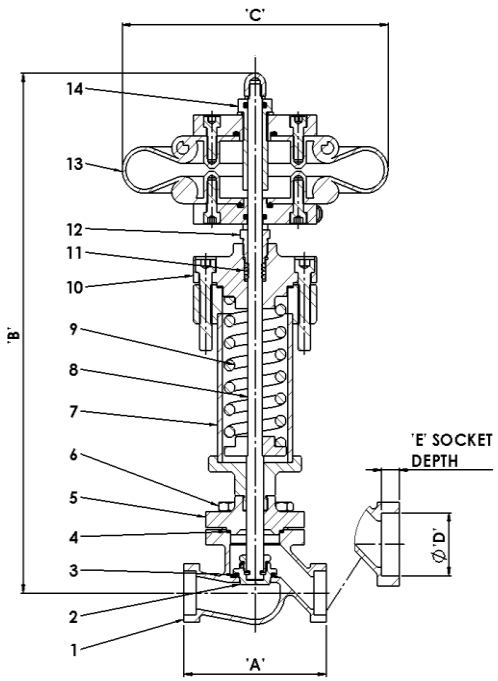
Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401



Product Part Number – CVAT**SSSEC01 - ** - For valve size see table below – Size number replaces **

Dimension in mm

TYPE CVAT	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	400	420	400	414	440	466
Actuator Dia	'C'	230	230	230	230	230	230
Socket Dia	'D'	22	34	49	61.95	73.0	90.05
Socket Depth	'E'	7.0	10.0	12.5	15.0	16.0	16.0
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem – NPT-F – ANSI B 1.20.1

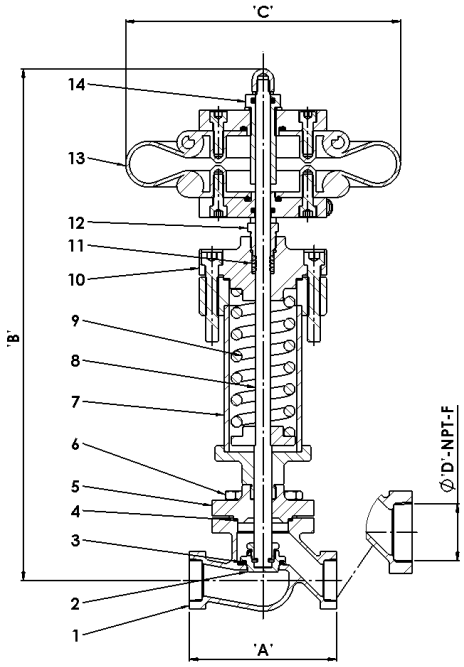
Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401



Product Part Number – CVAT**SSNPC01 - ** - For valve size see table below – Size number replaces **

Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVAT	Technical Data						
Nominal Size **	**DN**	**15**	**25**	**40**	**50**	**65**	**80**
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	400	420	400	414	440	466
Actuator Dia	'C'	230	230	230	230	230	230
Thread Size NPT-F	'D'	1/2"	1"	1.1/2"	2"	2.5"	3"
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Type CVAT - Valves for Cryogenic Service

Cryogenic Valve Actuated Tyre Globe Extended Stem – BSP-PL – ISO -228 -1

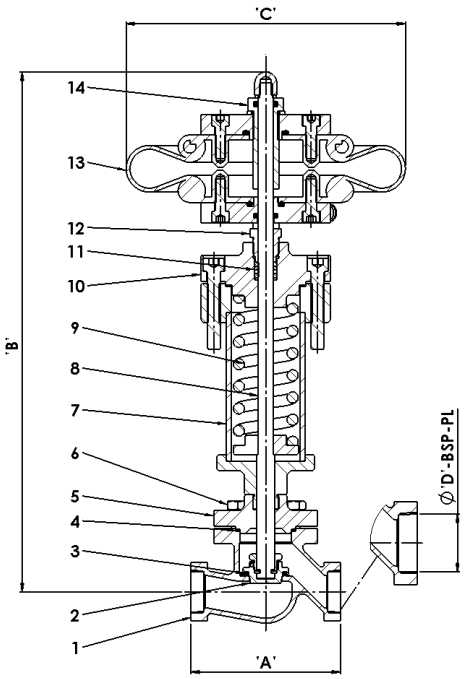
Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401



Product Part Number – CVAT**SSGGC01 - ** - For valve size see table below – Size number replaces **

Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVAT	Technical Data						
Nominal Size **	**DN**	**15**	**25**	**40**	**50**	**65**	**80**
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	400	420	400	414	440	466
Actuator Dia	'C'	230	230	230	230	230	230
Thread Size BSP-PL	'D'	1/2"	1"	1.1/2"	2"	2.5"	3"
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem – Male Metric Thread

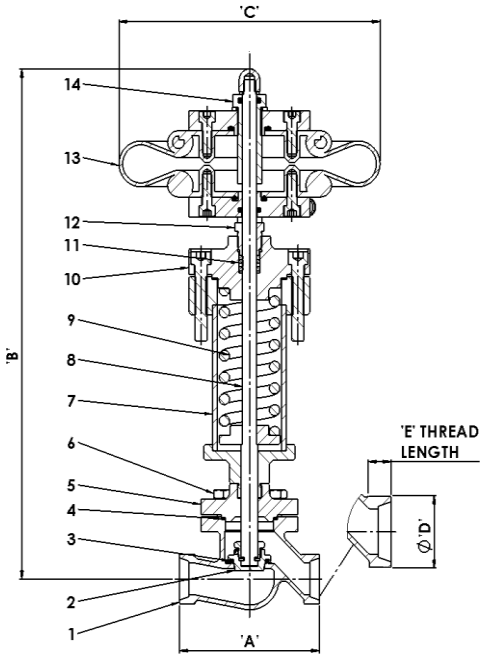
Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401

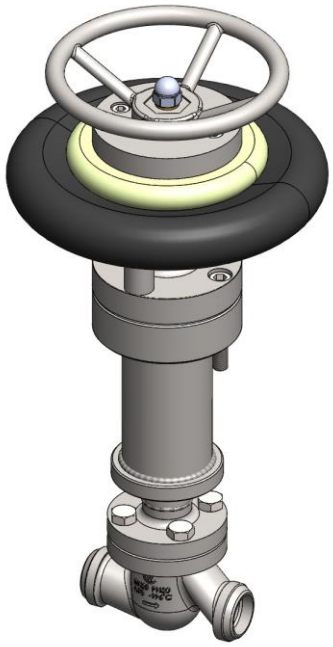


Product Part Number – CVAT**SSMMC01 - ** - For valve size see table below – Size number replaces **

Dimension in mm – DN65 & DN80 Metric Male Thread available on request

TYPE CVAT	Technical Data				
Nominal Size **	DN	15	25	40	50
length	'A'	85	115	140	200
Extension Length 'Open'	'B'	400	420	400	414
Actuator Dia	'C'	230	230	230	230
Thread Size	'D'	M26 X 1.5	M26 X 1.5	M40 X 2.0	M65 X 2.0
Thread Length 'Min'	'E'	7.00	7.00	11.00	17.00
Weight	Kg's	7.7	8.4	9.5	12.0
CV	US-gal/min	4	14	33	64

Cryogenic Valve Actuated Tyre Globe Extended Stem – Butt Weld Sch'd 10 Manual Override.

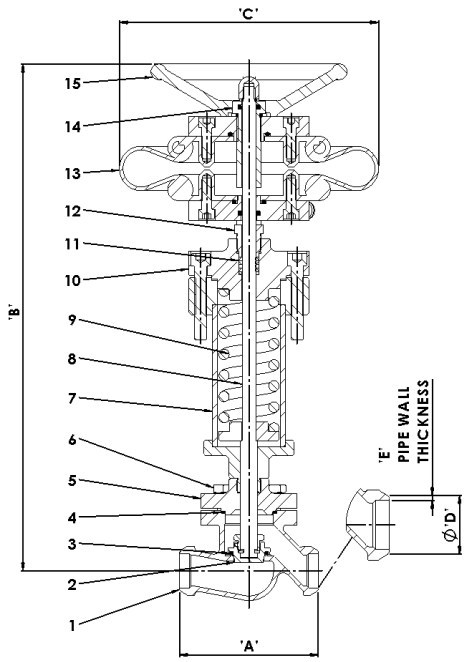


Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless Steel Handwheel for manual override function.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE



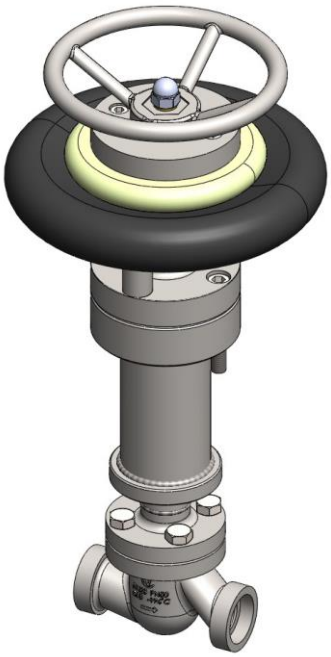
Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Manual Override	ASTM A351 CF8

Product Part Number – CVAT**SSB1C02 - ** - For valve size see table below – Size number replaces ** Dimension in mm

TYPE CVAT	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	410	430	410	424	450	476
Actuator Dia	'C'	230	230	230	230	230	230
Outside Pipe Dia	'D'	21.3	33.4	48.3	60.3	73.0	88.9
Wall Thickness	'E'	2.11	2.77	2.77	2.77	3.05	3.05
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem – Socket End – ASTM – Manual Override

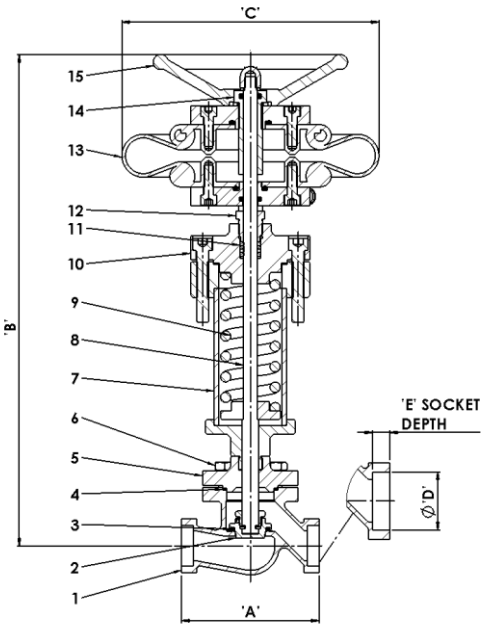
Description



Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless Steel Handwheel for manual override function.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

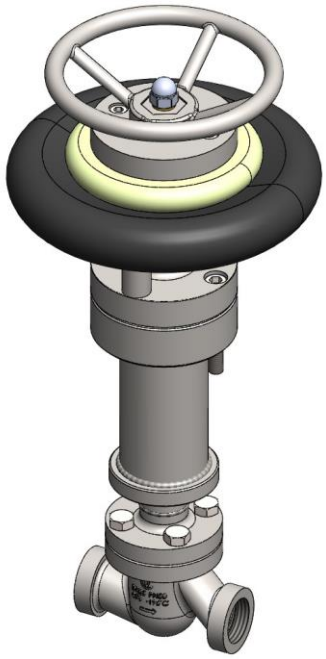


Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Manual Override	ASTM A351 CF8

Product Part Number – CVAT**SSSEC02 - ** - For valve size see table below – Size number replaces ** Dimension in mm

TYPE CVAT	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	410	430	410	424	450	476
Actuator Dia	'C'	230	230	230	230	230	230
Socket Dia	'D'	22	34	49	61.95	73.0	90.05
Socket Depth	'E'	7.0	10.0	12.5	15.0	16.0	16.0
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem – NPT-F – ANSI B 1.20.1 Manual Override

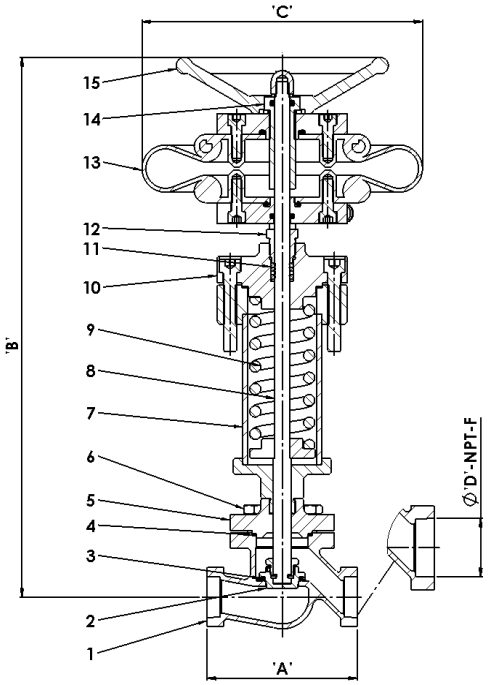


Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless Steel Handwheel for manual override function.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

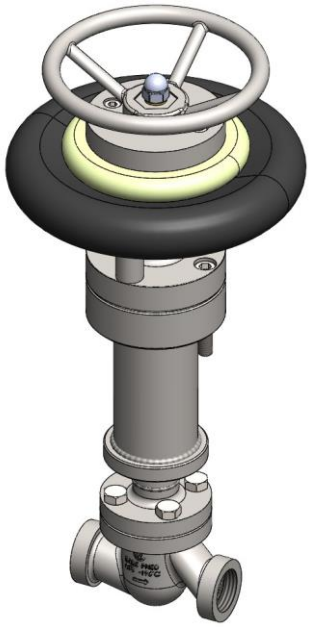


Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Manual Override	ASTM A351 CF8

Product Part Number – CVAT**SSNPC02 - ** - For valve size see table below – Size number replaces ** Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVAT	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	410	430	410	424	450	476
Actuator Dia	'C'	230	230	230	230	230	230
Thread Size NPT-F	'D'	1/2"	1"	1.1/2"	2"	2.5"	3"
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem – BSP-PL-ISO-288-1 Manual Override

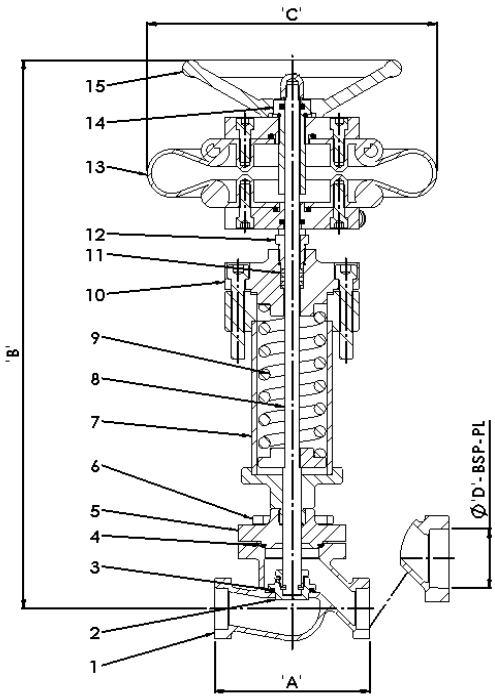


Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless Steel Handwheel for manual override function.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

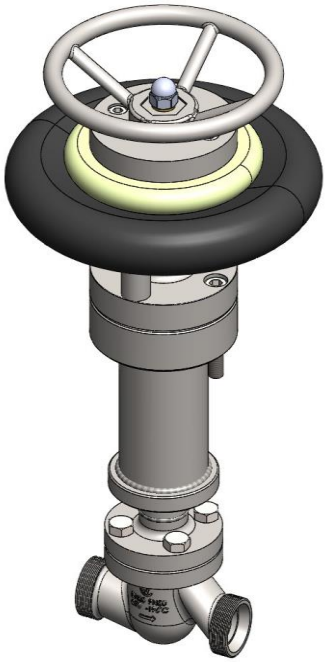


Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Manual Override	ASTM A351 CF8

Product Part Number – CVAT**SSGGC02 - ** - For valve size see table below – Size number replaces ** Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVAT	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	410	430	410	424	450	476
Actuator Dia	'C'	230	230	230	230	230	230
Thread Size BSP-PL	'D'	1/2"	1"	1.1/2"	2"	2.5"	3"
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem – Male Metric Thread Manual Override

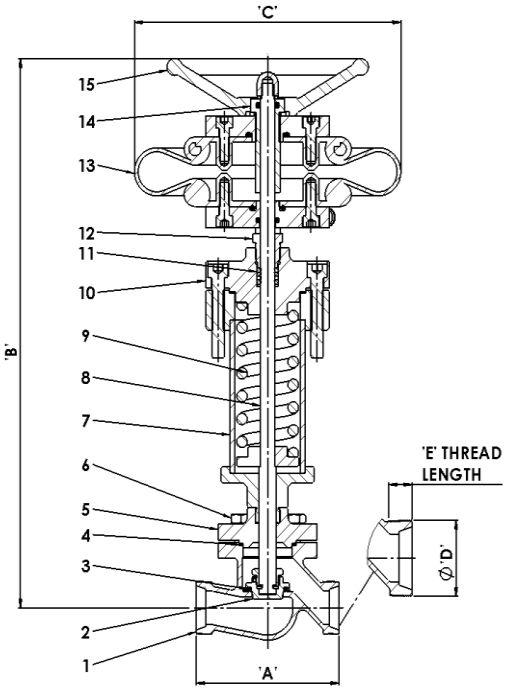


Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless Steel Handwheel for manual override function.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE



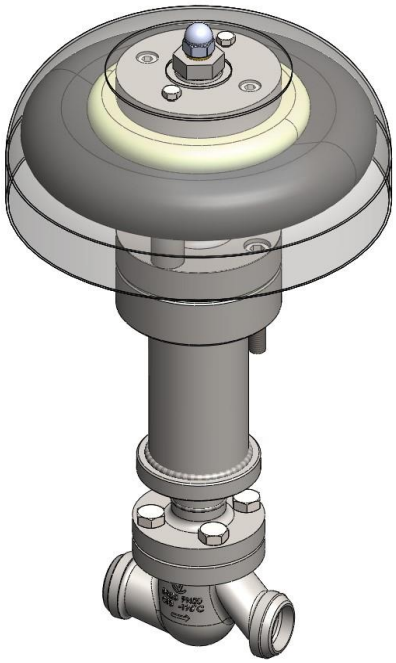
Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Manual Override	ASTM A351 CF8

Product Part Number – CVAT**SSMMC02 - ** - For valve size see table below –

Size number replaces ** Dimension in mm – DN65 & DN80 Metric Male Thread available on request

TYPE CVAT	Technical Data				
Nominal Size **	DN	15	25	40	50
length	'A'	85	115	140	200
Extension Length 'Open'	'B'	410	430	410	424
Actuator Dia	'C'	230	230	230	230
Thread Size	'D'	M26 X 1.5	M26 X 1.5	M40 X 2.0	M65 X 2.0
Thread Length 'Min'	'E'	7.00	7.00	11.00	17.00
Weight	Kg's	7.7	8.4	9.5	12.0
CV	US-gal/min	4	14	33	64

Cryogenic Valve Actuated Tyre Globe Extended Stem – Butt Weld Sch'd 10 Weather Shield.

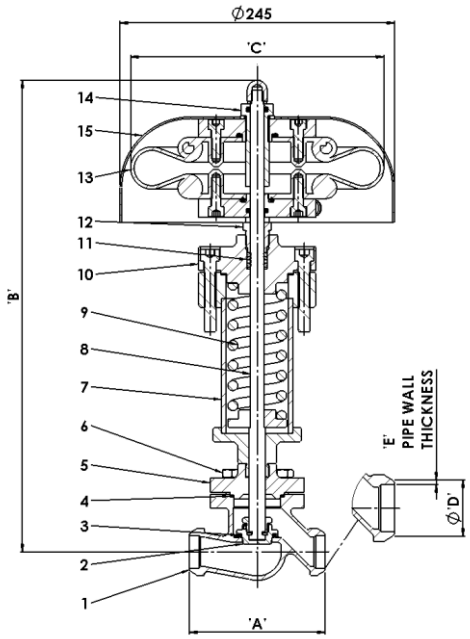


Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless Steel weather shield for Actuator protection.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE



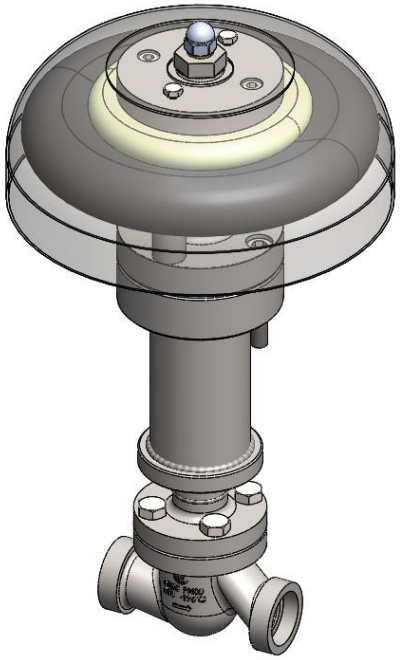
Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Weather Shield	ST.ST 316 -10088-3 1.4401

Product Part Number – CVAT**SSB1C03 - ** - For valve size see table below – Size number replaces **

Dimension in mm

TYPE CVAT	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	400	420	400	414	440	466
Actuator Dia	'C'	230	230	230	230	230	230
Outside Pipe Dia	'D'	21.3	33.4	48.3	60.3	73.0	88.9
Wall Thickness	'E'	2.11	2.77	2.77	2.77	3.05	3.05
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem – Socket End – ASTM Weather Shield.

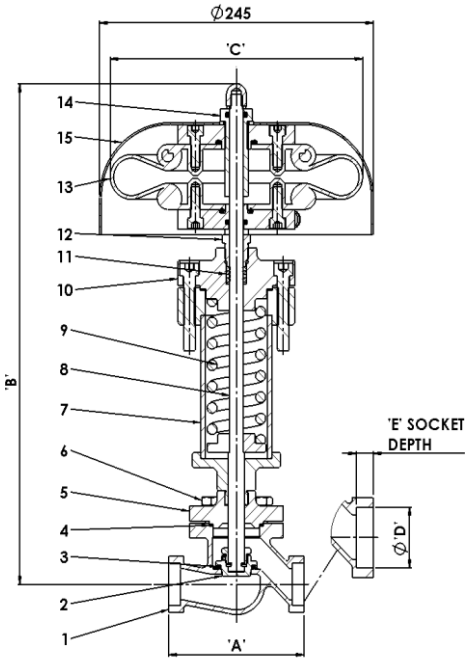


Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless Steel weather shield for Actuator protection.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE



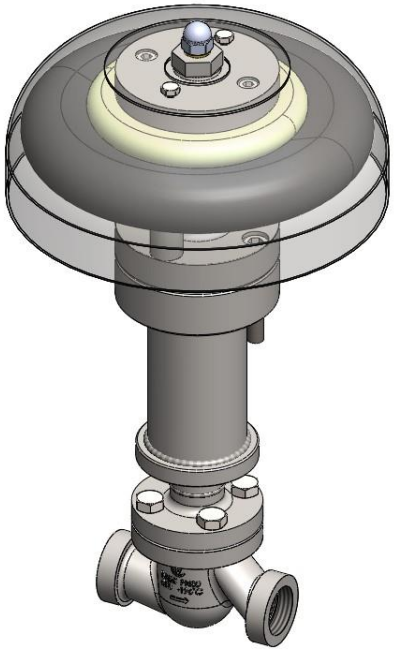
Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Weather Shield	ST.ST 316 -10088-3 1.4401

Product Part Number – CVAT**SSSEC03 - ** - For valve size see table below – Size number replaces **

Dimension in mm

TYPE CVAT	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	400	420	400	414	440	466
Actuator Dia	'C'	230	230	230	230	230	230
Socket Dia	'D'	22.0	34.0	49.0	61.95	73.0	90.05
Socket Depth	'E'	7.0	10.0	12.5	15.0	15.0	19.0
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem – NPT-F – ANSI B 1.20.1 Weather Shield.

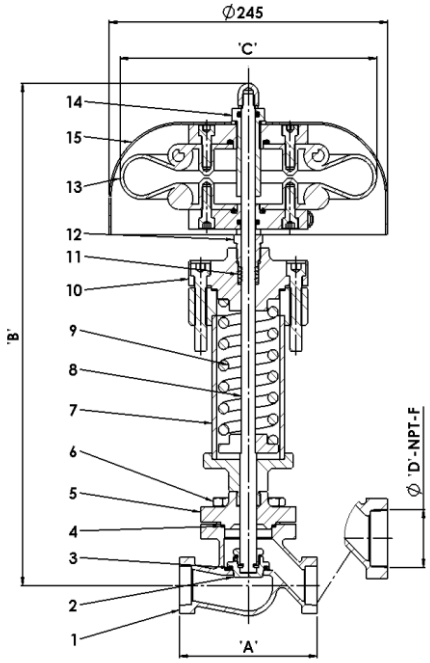


Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless Steel weather shield for Actuator protection.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE



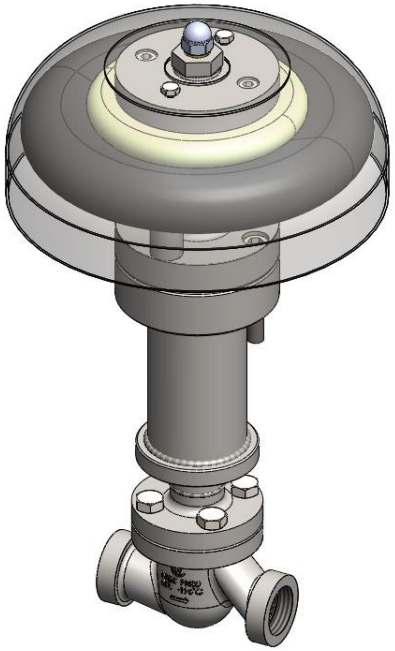
Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Weather Shield	ST.ST 316 -10088-3 1.4401

Product Part Number – CVAT**SSNPC03 - ** - For valve size see table below – Size number replaces **

Dimension in mm – Except Thread Dia which is an imperial measurement

TYPE CVAT	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	400	420	400	414	440	466
Actuator Dia	'C'	230	230	230	230	230	230
Thread Size NPT-F	'D'	1/2"	1"	1.1/2"	2"	2.5"	3"
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem – BSP-PL – ISO-228-1 Weather Shield.

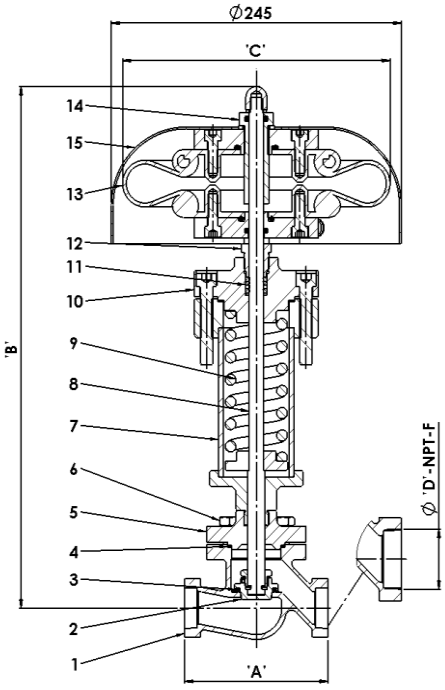


Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless Steel weather shield for Actuator protection.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE



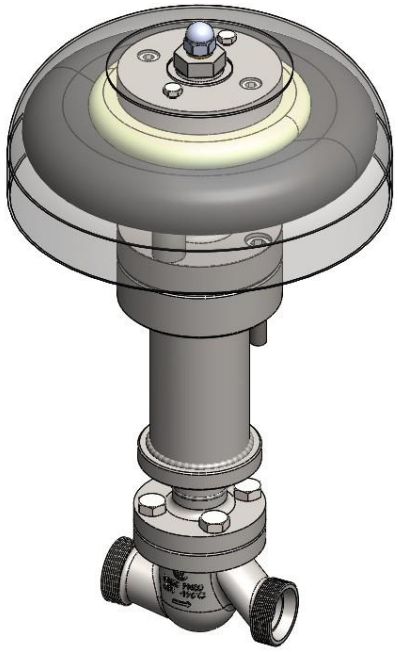
Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Weather Shield	ST.ST 316 -10088-3 1.4401

Product Part Number – CVAT**SSGGC03 - ** - For valve size see table below – Size number replaces **

Dimension in mm – Except Thread Dia which is an imperial measurement

TYPE CVAT	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	400	420	400	414	440	466
Actuator Dia	'C'	230	230	230	230	230	230
Thread Size BSP-PL	'D'	1/2"	1"	1.1/2"	2"	2.5"	3"
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem – Male Metric Thread Weather Shield.

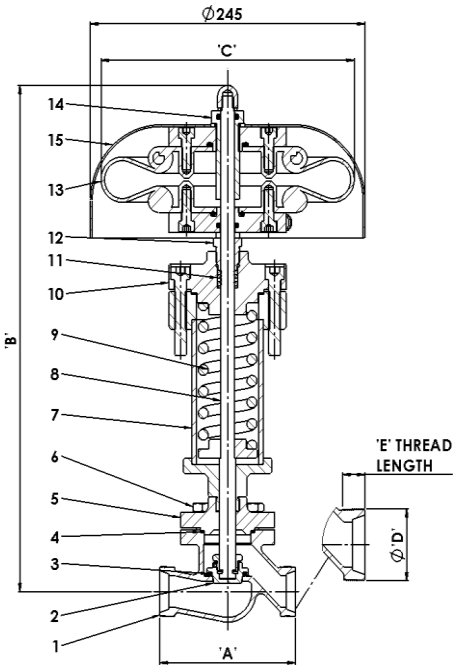


Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless Steel weather shield for Actuator protection.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE



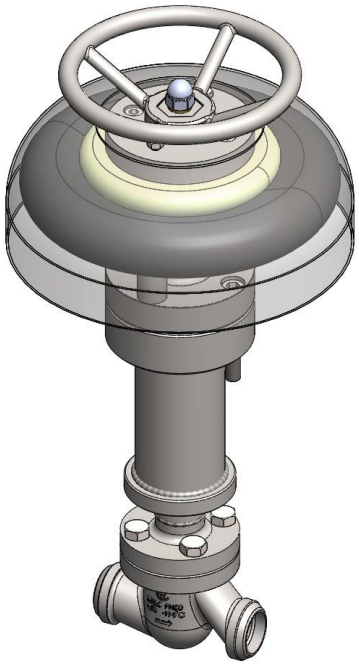
Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Weather Shield	ST.ST 316 -10088-3 1.4401

Product Part Number – CVAT**SSMMC03 - ** - For valve size see table below – Size number replaces **

Dimension in mm – DN65 & DN80 Metric Male Thread available on request

TYPE CVAT	Technical Data				
Nominal Size **	DN	15	25	40	50
length	'A'	85	115	140	200
Extension Length 'Open'	'B'	400	420	400	414
Actuator Dia	'C'	230	230	230	230
Thread Size	'D'	M26 X 1.5	M40 X 2.0	M65 X 2.0	M78 X 2.0
Thread Size	'E'	7.0	11.0	17.0	20.0
Weight	Kg's	7.7	8.4	9.5	12.0
CV	US-gal/min	4	14	33	64

Cryogenic Valve Actuated Tyre Globe Extended Stem – Butt Weld Sch'd 10 Manual Override & Weather Shield.

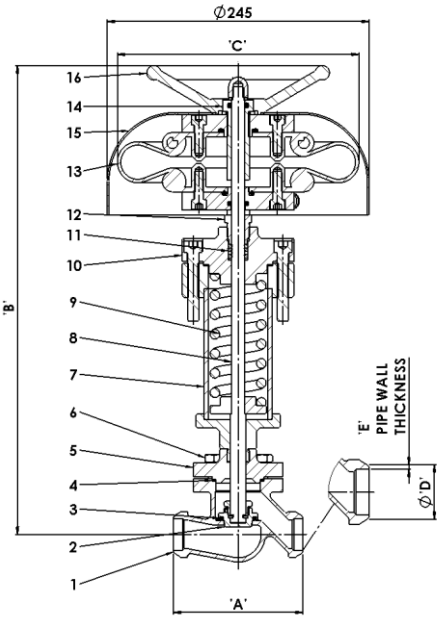


Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless-Steel Handwheel for manual override function and Stainless-Steel weather shield for Actuator protection.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE



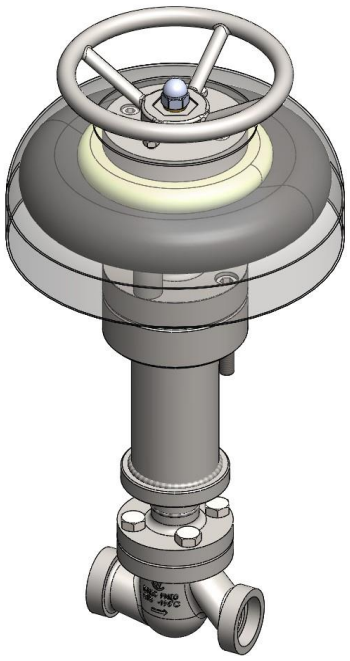
Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Weather Shield	ST.ST 316 -10088-3 1.4401
16	Manual Override	ASTM A351 CF8

Product Part Number – CVAT**SSB1C04 - ** - For valve size see table below – Size number replaces **

Dimension in mm

TYPE CVAT	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	410	430	410	424	450	476
Actuator Dia	'C'	230	230	230	230	230	230
Outside Pipe Dia	'D'	21.3	33.4	48.3	60.3	73.0	88.9
Wall Thickness	'E'	2.11	2.77	2.77	2.77	3.05	3.05
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem - Socket End - ASTM Manual Override & Weather Shield.

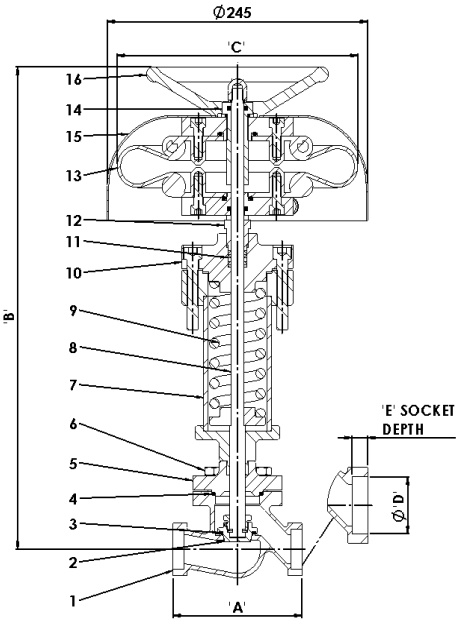


Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless-Steel Handwheel for manual override function and Stainless-Steel weather shield for Actuator protection.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE



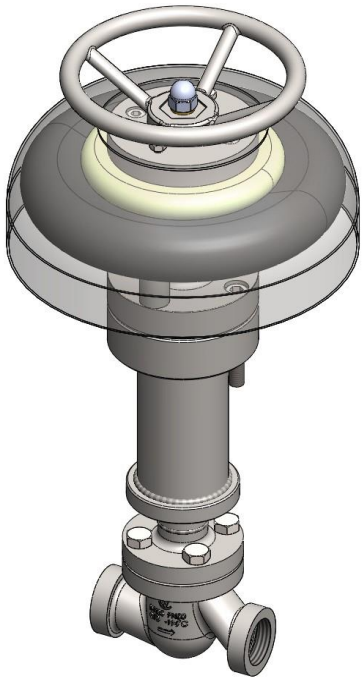
Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Weather Shield	ST.ST 316 -10088-3 1.4401
16	Manual Override	ASTM A351 CF8

Product Part Number – CVAT**SSSEC04 - ** - For valve size see table below – Size number replaces **

Dimension in mm

TYPE CVAT	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	410	430	410	424	450	476
Actuator Dia	'C'	230	230	230	230	230	230
Socket Dia	'D'	22.0	34.0	49.0	61.95	73.0	90.05
Socket Depth	'E'	7.0	10.0	12.5	15.0	16.0	16.0
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem – NPT-F – ANSI 1.20.1 Manual Override & Weather Shield.

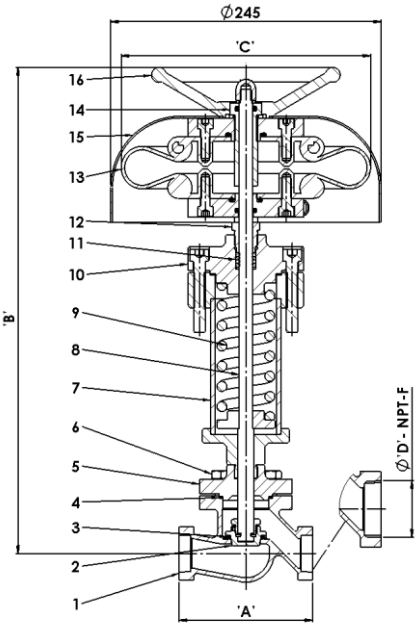


Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless-Steel Handwheel for manual override function and Stainless-Steel weather shield for Actuator protection.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE



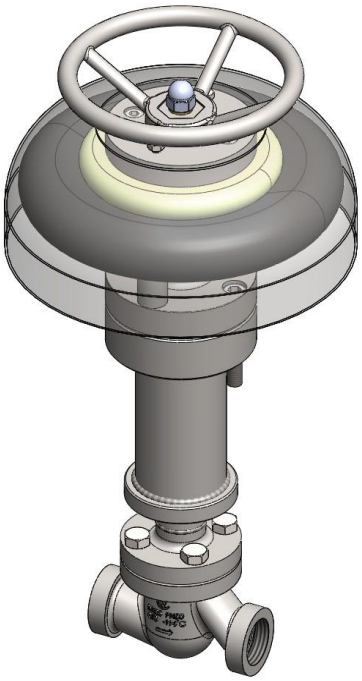
Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Weather Shield	ST.ST 316 -10088-3 1.4401
16	Manual Override	ASTM A351 CF8

Product Part Number – CVAT**SSNPC04 - ** - For valve size see table below – Size number replaces **

Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVAT	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	410	430	410	424	450	476
Actuator Dia	'C'	230	230	230	230	230	230
Thread Size NPT-F	'D'	1/2"	1"	1.1/2"	2"	2.5"	3"
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem – BSP-PL – ISO – 228 - 1 Manual Override & Weather Shield.

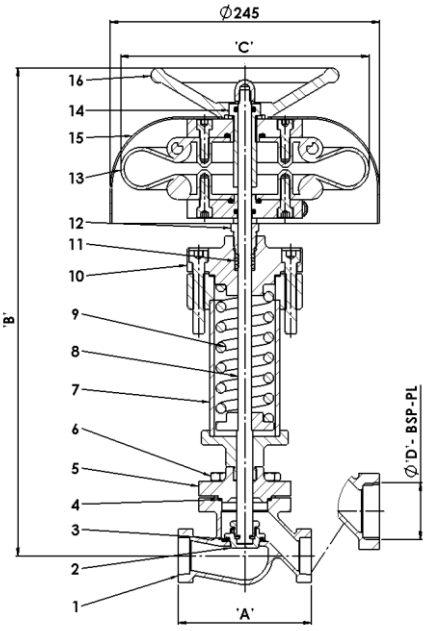


Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless-Steel Handwheel for manual override function and Stainless-Steel weather shield for Actuator protection.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE



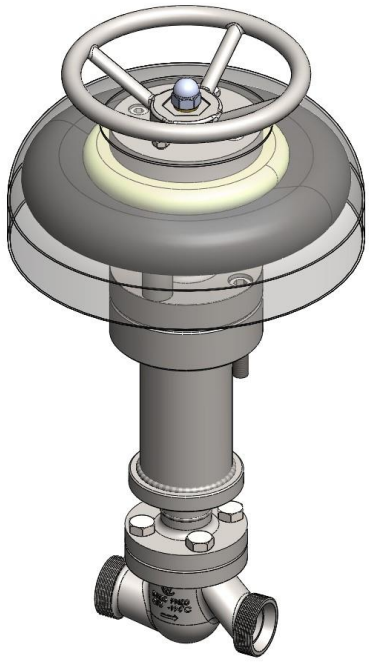
Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Weather Shield	ST.ST 316 -10088-3 1.4401
16	Manual Override	ASTM A351 CF8

Product Part Number – CVAT**SSGGC04 - ** - For valve size see table below – Size number replaces **

Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVAT	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	85	115	140	200	216	241
Extension Length 'Open'	'B'	410	430	410	424	450	476
Actuator Dia	'C'	230	230	230	230	230	230
Thread Size BSP-PL	'D'	1/2"	1"	1.1/2"	2"	2.5"	3"
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Cryogenic Valve Actuated Tyre Globe Extended Stem – Male Metric Thread Manual Override & Weather Shield.

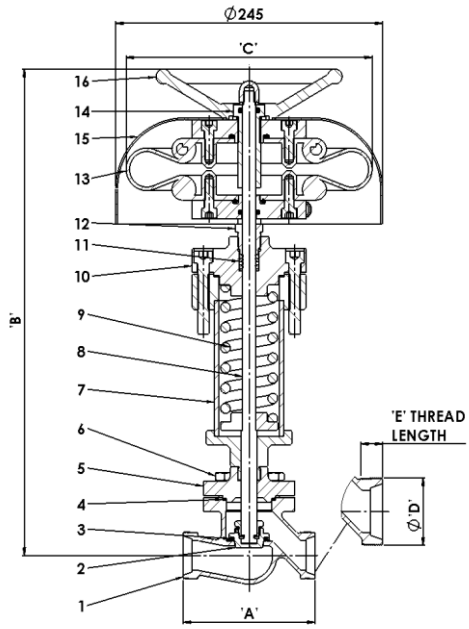


Description

Cryogenic stainless steel extended stem actuated tyre globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Actuator operated with air to open spring to close.
Stainless-Steel Handwheel for manual override function and Stainless-Steel weather shield for Actuator protection.

Technical details

Cleaned & degreased for Oxygen service applications. (Except Tyre Actuator)
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE



Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Spring	ST.ST 302 Spring Steel
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Packings	BRAIDED GRAPHITE
12	Gland Nut	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Override Screw	ST.ST 316 -10088-3 1.4401
15	Weather Shield	ST.ST 316 -10088-3 1.4401
16	Manual Override	ASTM A351 CF8

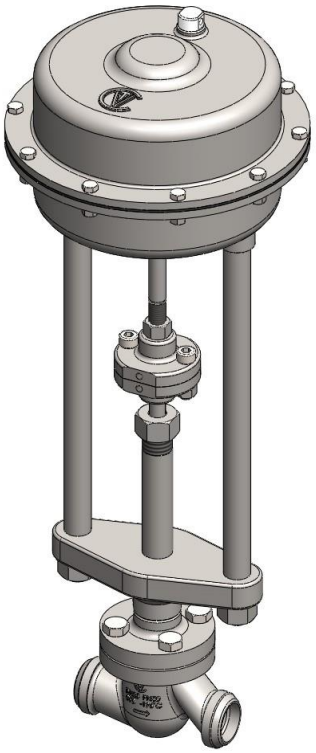
Product Part Number – CVAT**SSMMC04 - ** - For valve size see table below – Size number replaces **

Dimension in mm – DN65 & DN80 Metric Male Thread available on request

TYPE CVAT	Technical Data				
Nominal Size **	DN	15	25	40	50
length	'A'	85	115	140	200
Extension Length 'Open'	'B'	410	430	410	424
Actuator Dia	'C'	230	230	230	230
Thread Size	'D'	M26 X 1.5	M40 X 2.0	M65 X 2.0	M78 X 2.0
Thread Length 'Min'	'E'	7.0	11.0	17.0	20.0
Weight	Kg's	7.7	8.4	9.5	12.0
CV	US-gal/min	4	14	33	64

Cryogenic Valve Actuated Diaphragm Type Globe Extended Stem – Butt Weld Sch'd 10

Description

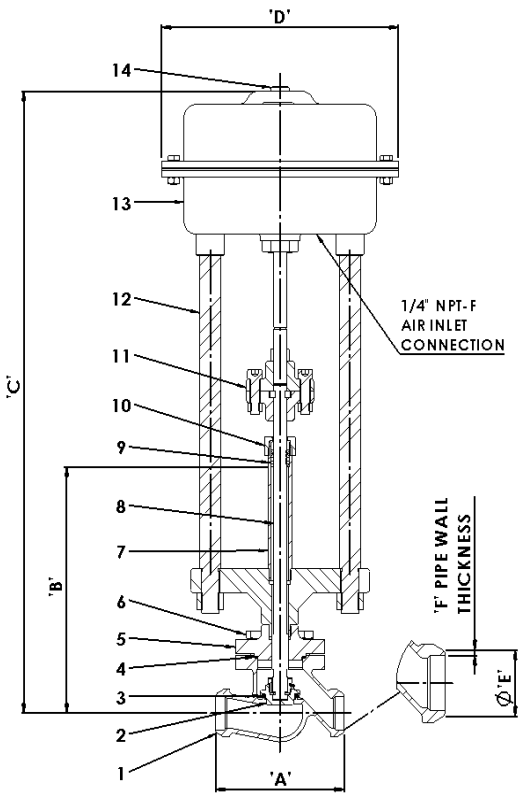


Cryogenic stainless steel extended stem diaphragm actuated globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Stainless Steel design Actuator
Actuator operated with air to open spring to close.
Other available accessories and functions are:
Electropneumatic positioner,
Solenoid Valve,
Air regulator
limit switches
Spring to open
Manual Override Function

Technical details

Cleaned & degreased for Oxygen service applications. (Except Actuator)
Option for degreasing actuator is available on request.
Maximum working pressure: 50 bar (725 psi)
Lower operating pressures available on request
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Couplings	ST.ST 316 -10088-3 1.4401
12	Pillars	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Breather Cap	Natural PVC



Cryogenic Valve Actuated Diaphragm Type Globe Extended Stem – Butt Weld Sch'd 10

Product Part Number – CVAD**SSB1C01 - ** - For valve size see table below – Size number replaces **

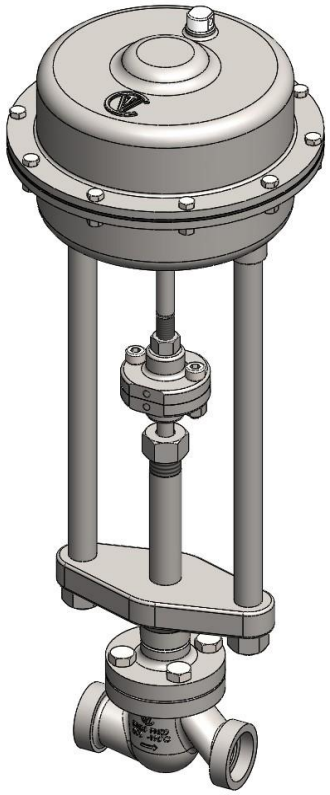
Dimension in mm

TYPE CVAD	Technical Data						
Nominal Size **	**DN**	**15**	**25**	**40**	**50**	**65**	**80**
length	'A'	85	115	140	200	216	241
Extension Length	'B'	180	210	250	260	300	300
Height	'C'	415	520	595	613	650	655
Actuator Dia	'D'	165	215	320	320	420	420
Outside Pipe Dia	'E'	21.3	33.4	48.3	60.3	73.0	88.9
Wall Thickness	'F'	2.11	2.77	2.77	2.77	3.05	3.05
Operating Pressure **	Bar	50	50	50	50	50	50
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Operating Pressure - ** - Max working & Design pressure is 50 Bar Lower working pressure configurations are available on request

Cryogenic Valve Actuated Diaphragm Type Globe Extended Stem – Socket End - ASTM

Description

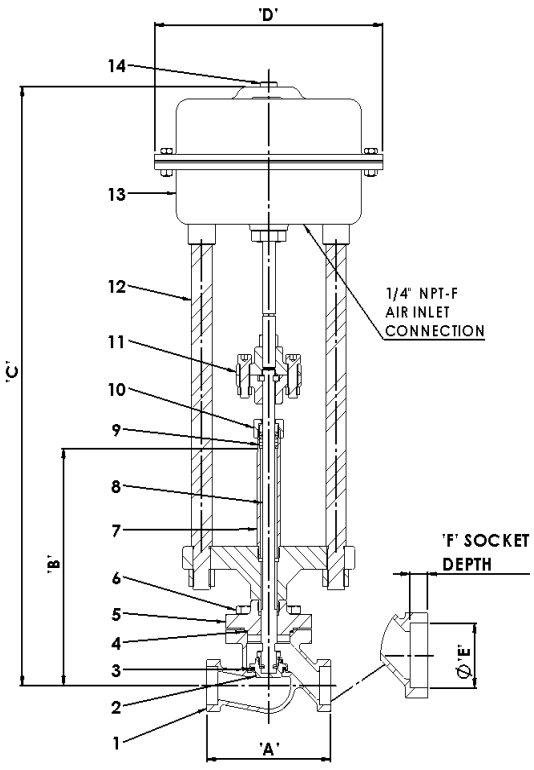


Cryogenic stainless steel extended stem diaphragm actuated globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Stainless Steel design Actuator
Actuator operated with air to open spring to close.
Other available accessories and functions are:
Electropneumatic positioner,
Solenoid Valve,
Air regulator
limit switches
Spring to open
Manual Override Function

Technical details

Cleaned & degreased for Oxygen service applications. (Except Actuator)
Option for degreasing actuator is available on request.
Maximum working pressure: 50 bar (725 psi)
Lower operating pressures available on request
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Couplings	ST.ST 316 -10088-3 1.4401
12	Pillars	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Breather Cap	Natural PVC



Cryogenic Valve Actuated Diaphragm Type Globe Extended Stem – Socket End - ASTM

Product Part Number – CVAD**SSSEC01 - ** - For valve size see table below – Size number replaces **

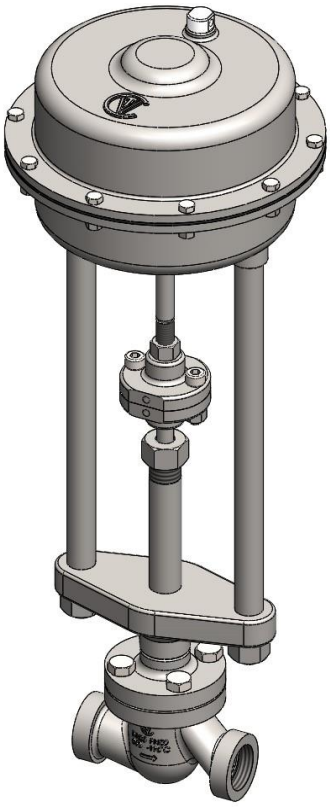
Dimension in mm

TYPE CVAD	Technical Data						
Nominal Size **	**DN**	**15**	**25**	**40**	**50**	**65**	**80**
length	'A'	85	115	140	200	216	241
Extension Length	'B'	180	210	250	260	300	300
Height	'C'	415	520	595	613	650	655
Actuator Dia	'D'	165	215	320	320	420	420
Socket Dia	'E'	22.0	34.0	49.0	61.95	73.0	90.05
Socket Depth	'F'	7.0	10.0	12.5	15.0	16.0	16.0
Operating Pressure **	Bar	50	50	50	50	50	50
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Operating Pressure - ** - Max working & Design pressure is 50 Bar Lower working pressure configurations are available on request

Cryogenic Valve Actuated Diaphragm Type Globe Extended Stem – NPT-F ANSI B 1.20.1

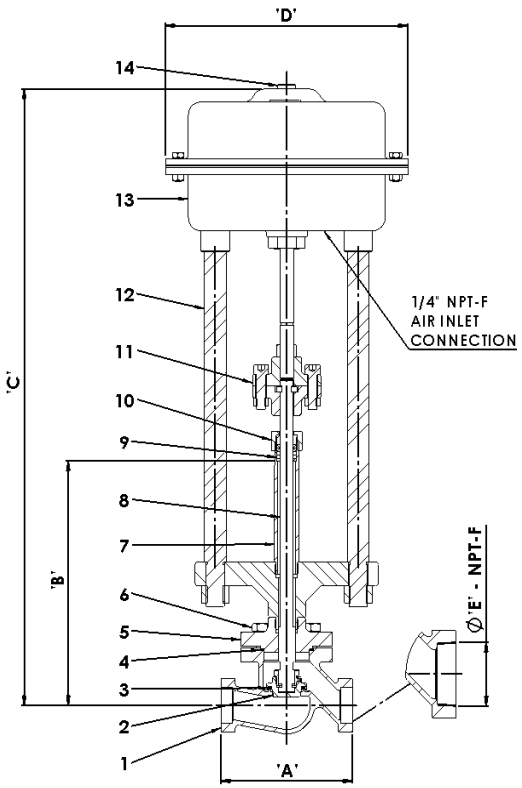
Description



Cryogenic stainless steel extended stem diaphragm actuated globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Stainless Steel design Actuator
Actuator operated with air to open spring to close.
Other available accessories and functions are:
Electropneumatic positioner,
Solenoid Valve,
Air regulator
limit switches
Spring to open
Manual Override Function

Technical details

Cleaned & degreased for Oxygen service applications. (Except Actuator)
Option for degreasing actuator is available on request.
Maximum working pressure: 50 bar (725 psi)
Lower operating pressures available on request
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE



Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Couplings	ST.ST 316 -10088-3 1.4401
12	Pillars	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Breather Cap	Natural PVC

Cryogenic Valve Actuated Diaphragm Type Globe Extended Stem – NPT-F ANSI B 1.20.1

Product Part Number – CVAD**SSNPC01 - ** - For valve size see table below – Size number replaces **

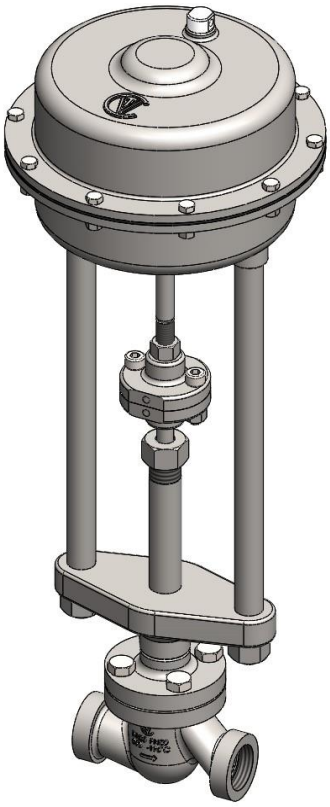
Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVAD	Technical Data						
Nominal Size **	**DN**	**15**	**25**	**40**	**50**	**65**	**80**
length	'A'	85	115	140	200	216	241
Extension Length	'B'	180	210	250	260	300	300
Height	'C'	415	520	595	613	650	655
Actuator Dia	'D'	165	215	320	320	420	420
Thread Size NPT-F	'E'	1/2"	1"	1.1/2"	2"	2.1/2"	3"
Operating Pressure **	Bar	50	50	50	50	50	50
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Operating Pressure - ** - Max working & Design pressure is 50 Bar Lower working pressure configurations are available on request

Cryogenic Valve Actuated Diaphragm Type Globe Extended Stem – BSP-PL ISO – 228 - 1

Description

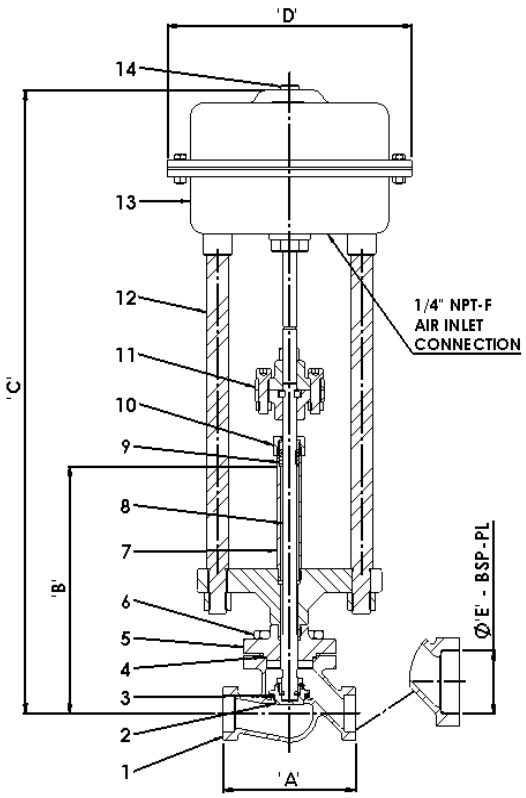


Cryogenic stainless steel extended stem diaphragm actuated globe valve.
S-Shape design body for optimal flow. Graphite sealing
packing design and graphite body/bonnet joints.
Metal to Metal Cone seat design with dual sealing
for a tight shut off. Stainless Steel design Actuator
Actuator operated with air to open spring to close.
Other available accessories and functions are:
Electropneumatic positioner,
Solenoid Valve,
Air regulator
limit switches
Spring to open
Manual Override Function

Technical details

Cleaned & degreased for Oxygen service applications. (Except Actuator)
Option for degreasing actuator is available on request.
Maximum working pressure: 50 bar (725 psi)
Lower operating pressures available on request
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Actuator operating pressure 6 bar (87 psi) Max 10 bar (145 psi)
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Hex HD Bolts	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Housing	ST.ST 316 -10088-3 1.4401
11	Couplings	ST.ST 316 -10088-3 1.4401
12	Pillars	ST.ST 316 -10088-3 1.4401
13	Actuator	ST.ST/RUBBER
14	Breather Cap	Natural PVC



Cryogenic Valve Actuated Diaphragm Type Globe Extended Stem – BSP-PL ISO – 228 - 1

Product Part Number – **CVAD**SSGGC01** - ** - For valve size see table below – Size number replaces **

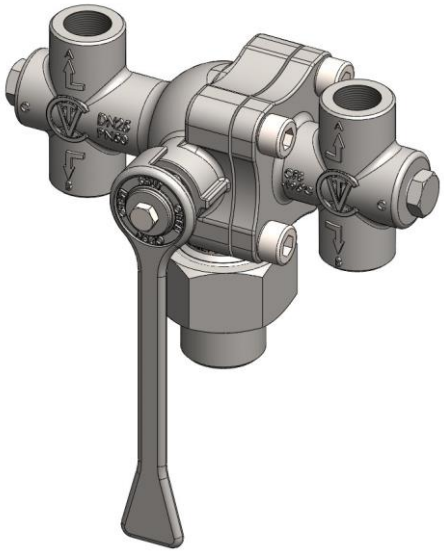
Dimension in mm – Except Thread DIA which is an imperial measurement

TYPE CVAD	Technical Data						
Nominal Size **	**DN**	**15**	**25**	**40**	**50**	**65**	**80**
length	'A'	85	115	140	200	216	241
Extension Length	'B'	180	210	250	260	300	300
Height	'C'	415	520	595	613	650	655
Actuator Dia	'D'	165	215	320	320	420	420
Thread Size BSP-PL	'E'	1/2"	1"	1.1/2"	2"	2.1/2"	3"
Operating Pressure **	Bar	50	50	50	50	50	50
Weight	Kg's	7.7	8.4	9.5	12.0	15.0	19.0
CV	US-gal/min	4	14	33	64	75	115
KV	m^3/h	3.5	12	29	50	65	99.5

Operating Pressure - ** - Max working & Design pressure is 50 Bar Lower working pressure configurations are available on request

Cryogenic Valve Diverter Valve – DN25 Size - Butt Weld Sch'd 10 Inlet.

Description

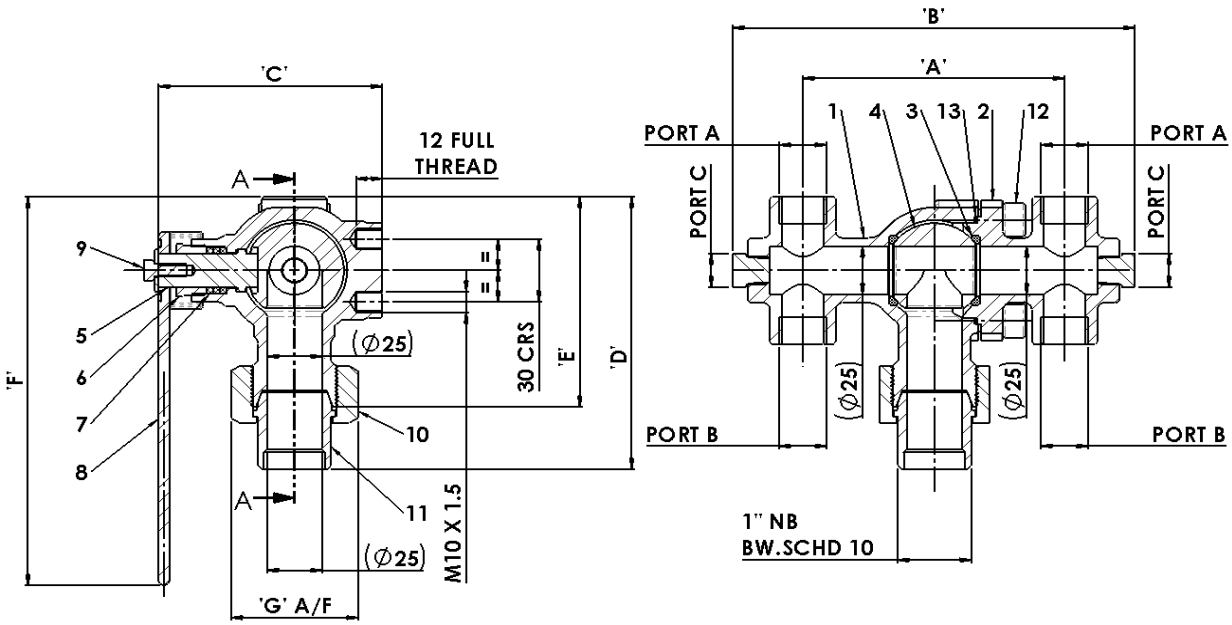


Cryogenic stainless steel 4 port diverter valve.
25mm full bore. Two piece 'body and cover' design for ease of maintenance. Connection ports are designed for two safety relief valves and two bursting discs. Side plugged ports are as standard and can be used for where application suits.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	End Cover	ASTM A351 CF8
3	Seals	VIRGIN PTFE
4	Ball	ST.ST 316 -10088-3 1.4401
5	Stem	ST.ST 316 -10088-3 1.4401
6	Gland Nut	ST.ST 316 -10088-3 1.4401
7	Packings	BRAIDED GRAPHITE
8	Lever	ASTM A351 CF8
9	Hex Hd Bolt	BS6105 ST.ST A2 GR70
10	Union Nut	ST.ST 316 -10088-3 1.4401
11	BW Connector	ST.ST 316 -10088-3 1.4401
12	Capscrews	BS6105 ST.ST A2 GR70
13	Body/Cover Gasket	ST.ST/GRAPHITE



Cryogenic Valve Diverter Valve – DN25 Size - Butt Weld Sch'd 10 Inlet.

Product Part Number – CVDV25SS**B10 - ** - For end connections see table below– End connection replaces **

Port Threads are an Imperial Measurement all other dimensions are in mm

TYPE CVDV PORT CONFIGURATION PART NUMBER TABLE				
VALVE PART NUMBER	**PORT A**	**PORT B**	**PORT C**	**INLET**
CVDV25SSG1B10	G1/2"	G1/2"	PLUGGED 1/4" NPT	M40 C/W BW. SCHD 10
CVDV25SSN1B10	NPT 1/2"	NPT 1/2"	PLUGGED 1/4" NPT	M40 C/W BW. SCHD 10
CVDV25SSG2B10	G3/4"	G3/4"	PLUGGED 1/4" NPT	M40 C/W BW. SCHD 10
CVDV25SSN2B10	NPT 3/4"	NPT 3/4"	PLUGGED 1/4" NPT	M40 C/W BW. SCHD 10

TYPE CVDV	**Technical Data**	
Nominal Size **	**DN**	**25**
Length Between Ports	'A'	120
Length Between Plugs	'B'	180
Length	'C'	100
Length Port To BW Inlet	'D'	130
Length Port To Inlet	'E'	100
Length Port To Lever	' F'	185
Across Flats	'G'-A/F'	50
Weight	Kg's	2.2
CV '2 Ports Open'	US-gal/min	27
KV '2 Ports Open'	m^3/h	20
CV '1 Port Open'	US-gal/min	20
KV '1 Ports Open'	m^3/h	17

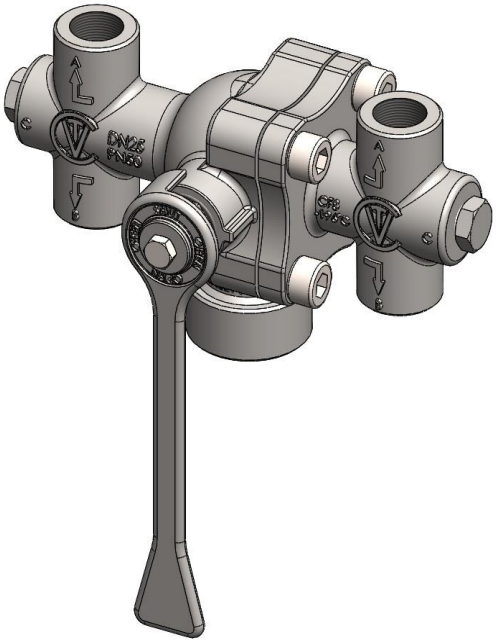
Dimension in mm

Important Note:

The diverter valve must be mounted using the M10 threaded connections.

Cryogenic Valve Diverter Valve – DN25 Size – Female Threaded Inlet.

Description

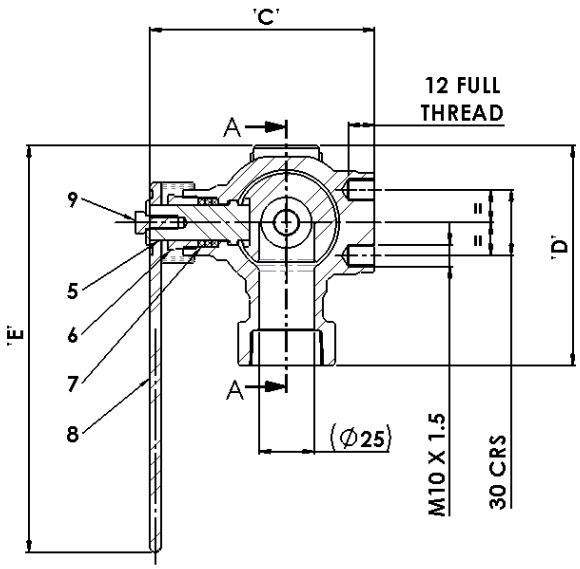


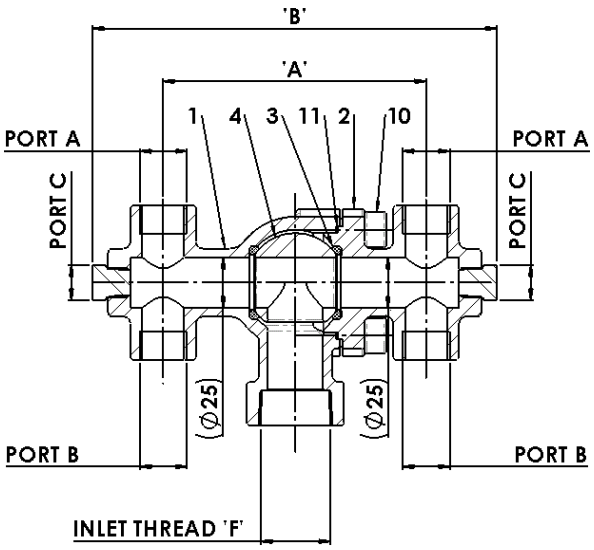
Cryogenic stainless steel 4 port divertor valve.
25mm full bore. Two piece 'body and cover' design for ease of maintenance. Connection ports are designed for two safety relief valves and two bursting discs. Side plugged ports are as standard and can be used for where application suits.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	End Cover	ASTM A351 CF8
3	Seals	VIRGIN PTFE
4	Ball	ST.ST 316 -10088-3 1.4401
5	Stem	ST.ST 316 -10088-3 1.4401
6	Gland Nut	ST.ST 316 -10088-3 1.4401
7	Packings	BRAIDED GRAPHITE
8	Lever	ASTM A351 CF8
9	Hex Hd Bolt	BS6105 ST.ST A2 GR70
10	Capscrews	BS6105 ST.ST A2 GR70
11	Body/Cover Gasket	ST.ST/GRAPHITE





Cryogenic Valve Diverter Valve – DN25 Size – Female Threaded Inlet.

Product Part Number – CVDV25SS**** - ** - For inlet and end connections see table below– Inlet and End connection replaces **

Port Threads are an Imperial Measurement all other dimensions are in mm

TYPE CVDV PORT CONFIGURATION PART NUMBER TABLE				
VALVE PART NUMBER	PORT A	PORT B	PORT C	INLET 'F'
CVDV25SSG1G2	G1/2"	G1/2"	PLUGGED 1/4" NPT	G3/4"
CVDV25SSG2G2	G3/4"	G3/4"	PLUGGED 1/4" NPT	G3/4"
CVDV25SSG1G3	G1/2"	G1/2"	PLUGGED 1/4" NPT	G1"
CVDV25SSG2G3	G3/4"	G3/4"	PLUGGED 1/4" NPT	G1"
CVDV25SSN1G2	NPT 1/2"	NPT 1/2"	PLUGGED 1/4" NPT	G3/4"
CVDV25SSN2G2	NPT 3/4"	NPT 3/4"	PLUGGED 1/4" NPT	G3/4"
CVDV25SSN1G3	NPT 1/2"	NPT 1/2"	PLUGGED 1/4" NPT	G1"
CVDV25SSN2G3	NPT 3/4"	NPT 3/4"	PLUGGED 1/4" NPT	G1"
CVDV25SSG1N2	G1/2"	G1/2"	PLUGGED 1/4" NPT	NPT 3/4"
CVDV25SSG2N2	G3/4"	G3/4"	PLUGGED 1/4" NPT	NPT 3/4"
CVDV25SSG1N3	G1/2"	G1/2"	PLUGGED 1/4" NPT	NPT 1"
CVDV25SSG2N3	G3/4"	G3/4"	PLUGGED 1/4" NPT	NPT 1"
CVDV25SSN1N2	NPT 1/2"	NPT 1/2"	PLUGGED 1/4" NPT	NPT 3/4"
CVDV25SSN2N2	NPT 3/4"	NPT 3/4"	PLUGGED 1/4" NPT	NPT 3/4"
CVDV25SSN1N3	NPT 1/2"	NPT 1/2"	PLUGGED 1/4" NPT	NPT 1"
CVDV25SSN2N3	NPT 3/4"	NPT 3/4"	PLUGGED 1/4" NPT	NPT 1"

TYPE CVDV	Technical Data	
Nominal Size **	DN	25
Length Between Ports	'A'	120
Length Between Plugs	'B'	185
Length	'C'	100
Length Port To Inlet	'D'	100
Length Port To Lever	'E'	185
Weight	Kg's	2.2
CV '2 Ports Open'	US-gal/min	27
KV '2 Ports Open'	m^3/h	20
CV '1 Port Open'	US-gal/min	20
KV '1 Ports Open'	m^3/h	17

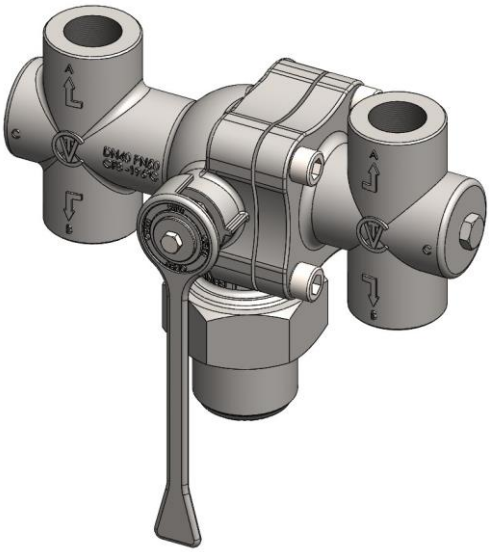
Dimension in mm

Important Note:

The diverter valve must be mounted using the M10 threaded connections.

Cryogenic Valve Diverter Valve – DN40 Size - Butt Weld Sch'd 10 Inlet.

Description

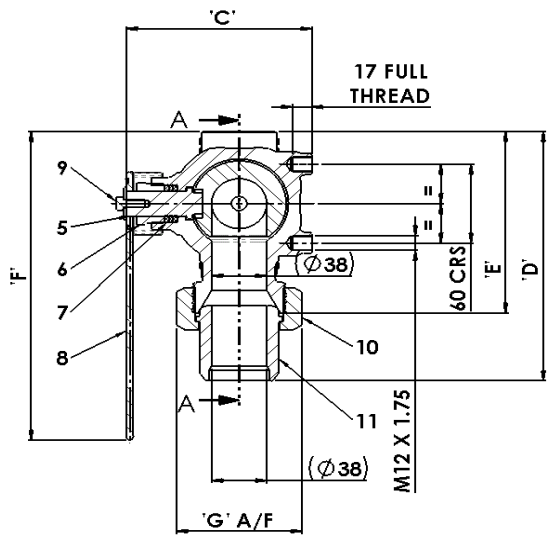


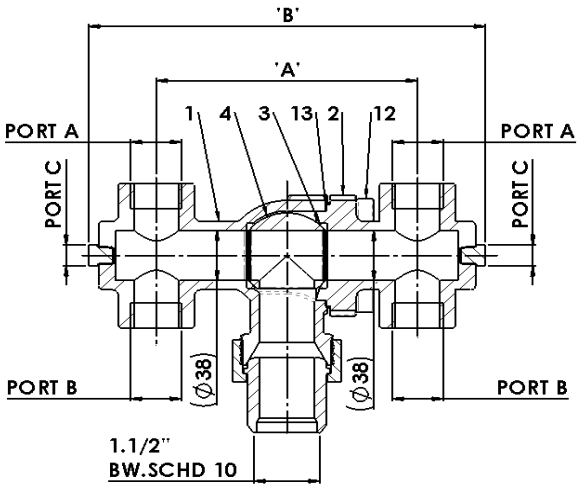
Cryogenic stainless steel 4 port diverter valve.
38mm full bore. Two piece 'body and cover' design for ease of maintenance. Connection ports are designed for two safety relief valves and two bursting discs. Side plugged ports are as standard and can be used for where application suits.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	End Cover	ASTM A351 CF8
3	Seals	VIRGIN PTFE
4	Ball	ST.ST 316 -10088-3 1.4401
5	Stem	ST.ST 316 -10088-3 1.4401
6	Gland Nut	ST.ST 316 -10088-3 1.4401
7	Packings	BRAIDED GRAPHITE
8	Lever	ASTM A351 CF8
9	Hex Hd Bolt	BS6105 ST.ST A2 GR70
10	Union Nut	ST.ST 316 -10088-3 1.4401
11	BW Connector	ST.ST 316 -10088-3 1.4401
12	Capscrews	BS6105 ST.ST A2 GR70
13	Body/Cover Gasket	ST.ST/GRAPHITE





Cryogenic Valve Diverter Valve – DN40 Size - Butt Weld Sch'd 10 Inlet.

Product Part Number – CVDV40SS**B10 - ** - For end connections see table below– End connection replaces **

Port Threads are an Imperial Measurement all other dimensions are in mm

TYPE CVDV PORT CONFIGURATION PART NUMBER TABLE				
VALVE PART NUMBER	**PORT A**	**PORT B**	**PORT C**	**INLET**
CVDV40SSG3B10	G1"	G1"	PLUGGED 1/4" NPT	M65 C/W BW. SCHD 10
CVDV40SSN3B10	NPT 1"	NPT 1"	PLUGGED 1/4" NPT	M65 C/W BW. SCHD 10
CVDV40SSG4B10	G1.1/4"	G1.1/4"	PLUGGED 1/4" NPT	M65 C/W BW. SCHD 10
CVDV40SSN4B10	NPT 1.1/4"	NPT 1.1/4"	PLUGGED 1/4" NPT	M65 C/W BW. SCHD 10

TYPE CVDV	**Technical Data**	
Nominal Size **	**DN**	**40**
Length Between Ports	'A'	180
Length Between Plugs	'B'	275
Length	'C'	128
Length Port To BW Inlet	'D'	190
Length Port To Inlet	'E'	139
Length Port To Lever	' F'	235
Across Flats	'G'-A/F'	75
Weight	Kg's	7.7
CV '2 Ports Open'	US-gal/min	35
KV '2 Ports Open'	m^3/h	27
CV '1 Port Open'	US-gal/min	30
KV '1 Ports Open'	m^3/h	20

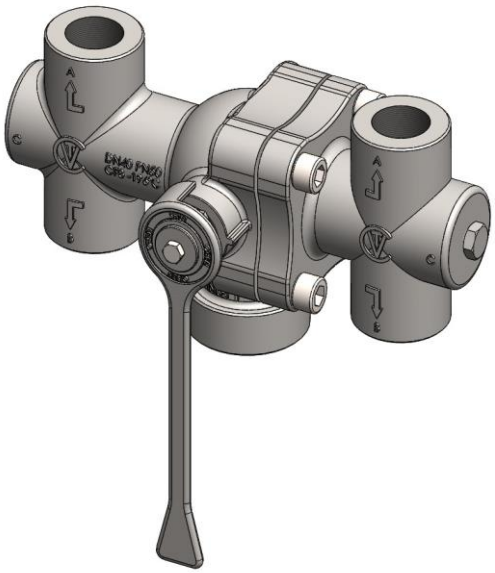
Dimension in mm

Important Note:

The diverter valve must be mounted using the M12 threaded connections.

Cryogenic Valve Diverter Valve – DN40 Size – Female Threaded Inlet.

Description

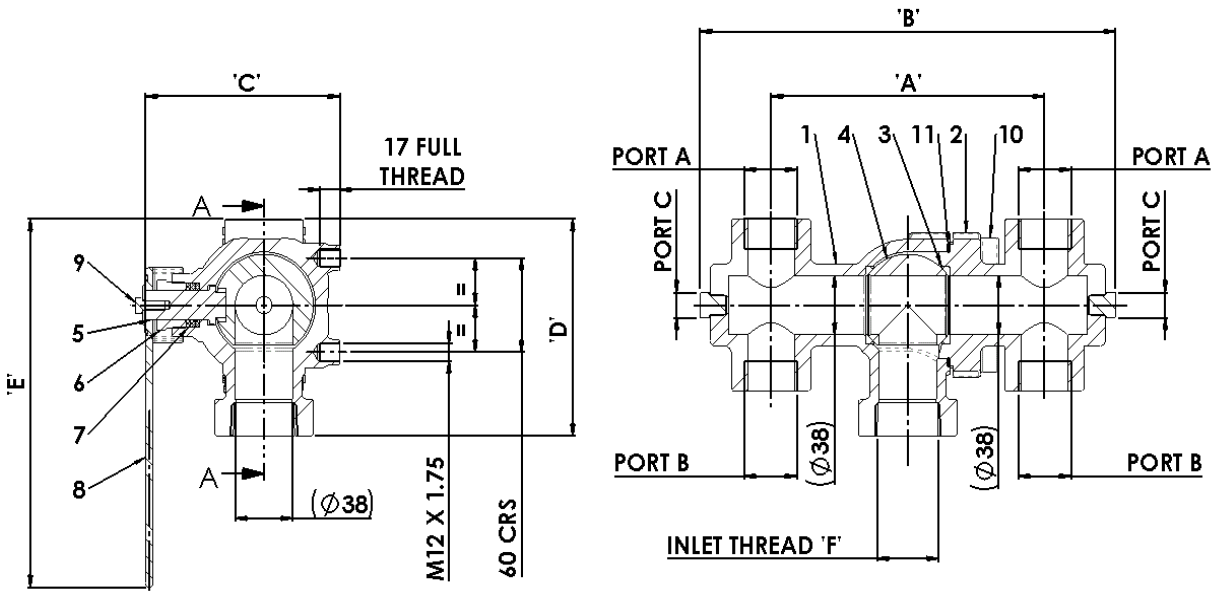


Cryogenic stainless steel 4 port divertor valve.
38mm full bore. Two piece 'body and cover' design for ease of maintenance. Connection ports are designed for two safety relief valves and two bursting discs. Side plugged ports are as standard and can be used for where application suits.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	End Cover	ASTM A351 CF8
3	Seals	VIRGIN PTFE
4	Ball	ST.ST 316 -10088-3 1.4401
5	Stem	ST.ST 316 -10088-3 1.4401
6	Gland Nut	ST.ST 316 -10088-3 1.4401
7	Packings	BRAIDED GRAPHITE
8	Lever	ASTM A351 CF8
9	Hex Hd Bolt	BS6105 ST.ST A2 GR70
10	Capscrews	BS6105 ST.ST A2 GR70
11	Body/Cover Gasket	ST.ST/GRAPHITE



Cryogenic Valve Diverter Valve – DN40 Size – Female Threaded Inlet.

Product Part Number – CVDV40SS**** - ** - For inlet and end connections see table below– Inlet and End connection replaces **

Port Threads are an Imperial Measurement all other dimensions are in mm

TYPE CVDV PORT CONFIGURATION PART NUMBER TABLE				
VALVE PART NUMBER	PORT A	PORT B	PORT C	INLET 'F'
CVDV40SSG3G3	G1"	G1"	PLUGGED 1/4" NPT	G1"
CVDV40SSG3G4	G1"	G1"	PLUGGED 1/4" NPT	G1.1/4"
CVDV40SSG3G5	G1"	G1"	PLUGGED 1/4" NPT	G1.1/2"
CVDV40SSN3G3	NPT 1"	NPT 1"	PLUGGED 1/4" NPT	G1"
CVDV40SSN3G4	NPT 1"	NPT 1"	PLUGGED 1/4" NPT	G1.1/4"
CVDV40SSN3G5	NPT 1"	NPT 1"	PLUGGED 1/4" NPT	G1.1/2"
CVDV40SSG3N3	G1"	G1"	PLUGGED 1/4" NPT	NPT 1"
CVDV40SSG3N4	G1"	G1"	PLUGGED 1/4" NPT	NPT 1.1/4"
CVDV40SSG3N5	G1"	G1"	PLUGGED 1/4" NPT	NPT 1.1/2"
CVDV40SSN3N3	NPT 1"	NPT 1"	PLUGGED 1/4" NPT	NPT 1"
CVDV40SSN3N4	NPT 1"	NPT 1"	PLUGGED 1/4" NPT	NPT 1.1/4"
CVDV40SSN3N5	NPT 1"	NPT 1"	PLUGGED 1/4" NPT	NPT 1.1/2"
CVDV40SSG4G3	G1.1/4"	G1.1/4"	PLUGGED 1/4" NPT	G1"
CVDV40SSG4G4	G1.1/4"	G1.1/4"	PLUGGED 1/4" NPT	G1.1/4"
CVDV40SSG4G5	G1.1/4"	G1.1/4"	PLUGGED 1/4" NPT	G1.1/2"
CVDV40SSN4G3	NPT 1.1/4"	NPT 1.1/4"	PLUGGED 1/4" NPT	G1"
CVDV40SSN4G4	NPT 1.1/4"	NPT 1.1/4"	PLUGGED 1/4" NPT	G1.1/4"
CVDV40SSN4G5	NPT 1.1/4"	NPT 1.1/4"	PLUGGED 1/4" NPT	G1.1/2"
CVDV40SSG4N3	G1.1/4"	G1.1/4"	PLUGGED 1/4" NPT	NPT 1"
CVDV40SSG4N4	G1.1/4"	G1.1/4"	PLUGGED 1/4" NPT	NPT 1.1/4"
CVD4V0SSG4N5	G1.1/4"	G1.1/4"	PLUGGED 1/4" NPT	NPT 1.1/2"
CVDV40SSN4N3	NPT 1.1/4"	NPT 1.1/4"	PLUGGED 1/4" NPT	NPT 1"
CVDV40SSN4N4	NPT 1.1/4"	NPT 1.1/4"	PLUGGED 1/4" NPT	NPT 1.1/4"
CVDV40SSN4N5	NPT 1.1/4"	NPT 1.1/4"	PLUGGED 1/4" NPT	NPT 1.1/2"

TYPE CVDV	Technical Data	
Nominal Size **	DN	40
Length Between Ports	'A'	180
Length Between Plugs	'B'	275
Length	'C'	128
Length Port To Inlet	'D'	139
Length Port To Lever	'E'	235
Weight	Kg's	7.7
CV '2 Ports Open'	US-gal/min	35
KV '2 Ports Open'	m^3/h	27
CV '1 Port Open'	US-gal/min	30
KV '1 Ports Open'	m^3/h	20

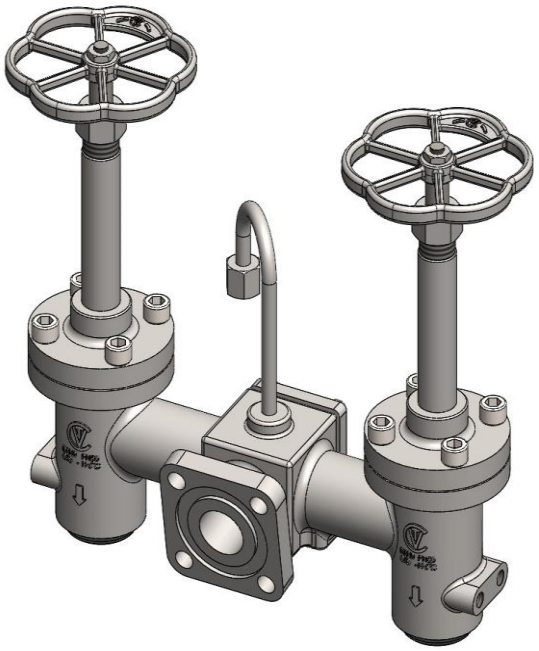
Dimension in mm

Important Note:

The diverter valve must be mounted using the M12 threaded connections.

Cryogenic Valve Fill Valve Extended Stem – Butt Weld Sch'd 10

Description

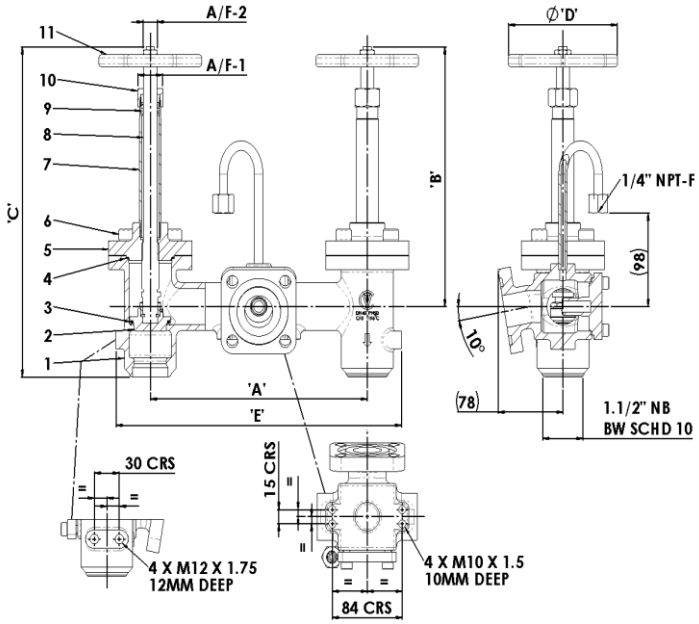


Cryogenic stainless steel extended stem fill valve.
'One Piece' style body for optimal flow and eliminates welded joints to a minimum. Graphite sealing packing design and graphite body/bonnet joints. Metal to Metal Cone seat design with dual sealing for a tight shut off. Mueller Flange type inlet connection. Bottom and side mounting options supplied as standard.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



Product Part Number – CVFV40SSB1C01 - ** - Dimension in mm

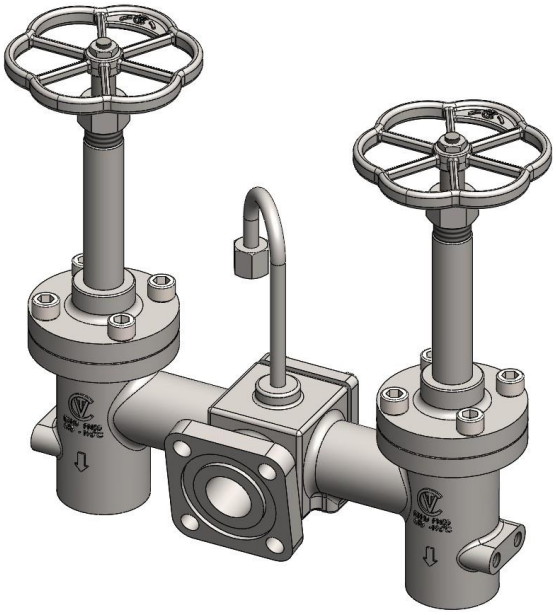
TYPE CVFV	Technical Data	
Nominal Size **	**DN**	**40**
Length Between CRS	'A'	260.35
Extension Length	'B'	280
Height	'C'	350
Handwheel	'D'	130
Length Between Mountings	'E'	340
Across Flats	'A/F-1'	30
Across Flats	'A/F-2'	M10
Weight	Kg's	9.8
CV	US-gal/min	33
KV	m^3/h	29

Important Note:

The Fill valve must be mounted using the M12 threaded connections on the unit sides or the M10 threaded connections on the lower part of the centre section of the unit. Both threaded connections can be used at the same time as a further mounting option.

Cryogenic Valve Fill Valve Extended Stem – Socket End – ASTM

Description

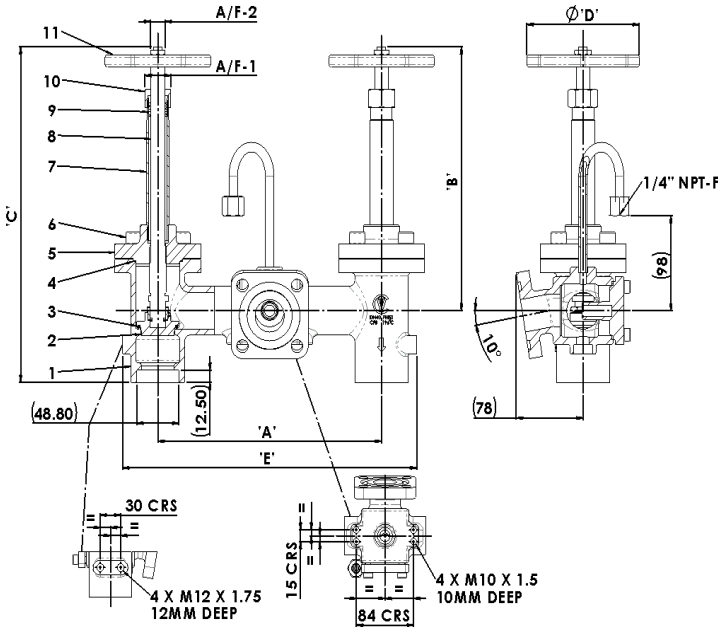


Cryogenic stainless steel extended stem fill valve.
'One Piece' style body for optimal flow and eliminates welded joints to a minimum. Graphite sealing packing design and graphite body/bonnet joints. Metal to Metal Cone seat design with dual sealing for a tight shut off. Mueller Flange type inlet connection. Bottom and side mounting options supplied as standard.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8



Product Part Number – CVFV40SSSEC01 - ** - Dimension in mm

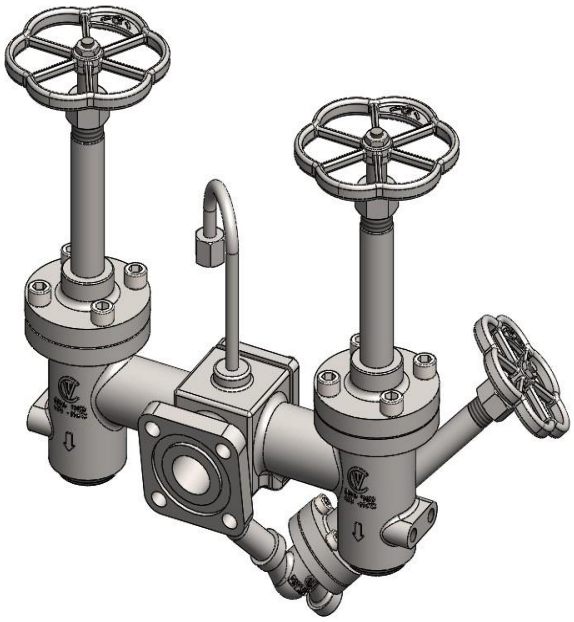
TYPE CVFV	Technical Data	
Nominal Size **	**DN**	**40**
Length Between CRS	'A'	260.35
Extension Length	'B'	280
Height	'C'	350
Handwheel	'D'	130
Length Between Mountings	'E'	340
Across Flats	'A/F-1'	30
Across Flats	'A/F-2'	M10
Weight	Kg's	9.8
CV	US-gal/min	33
KV	m^3/h	29

Important Note:

The Fill valve must be mounted using the M12 threaded connections on the unit sides or the M10 threaded connections on the lower part of the centre section of the unit. Both threaded connections can be used at the same time as a further mounting option.

Cryogenic Valve Fill Valve Extended Stem – Check Valve – Strainer & CVMG Drain Valve – Butt Weld Sch'd 10

Description

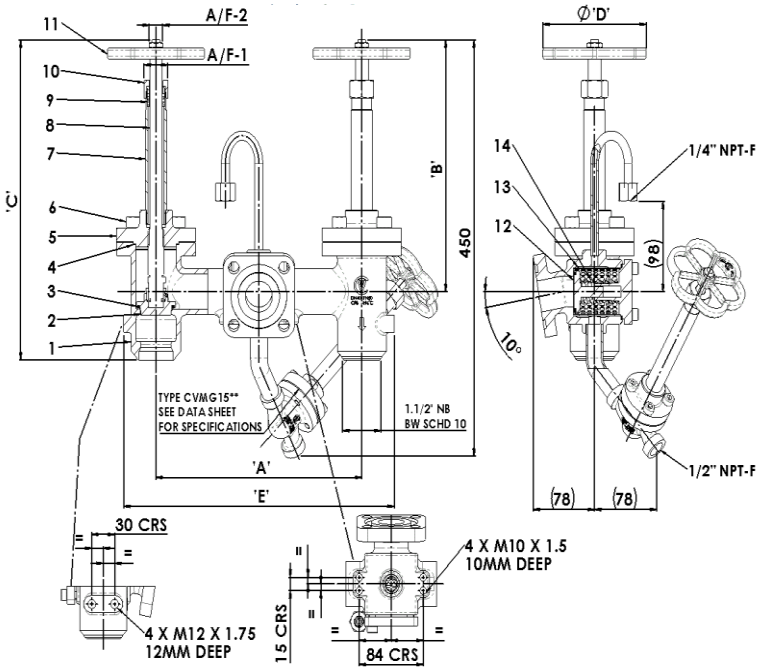


Cryogenic stainless steel extended stem fill valve.
'One Piece' style body for optimal flow and eliminates welded joints to a minimum. Graphite sealing packing design and graphite body/bonnet joints. Metal to Metal Cone seat design with dual sealing for a tight shut off. Safety Check Valve for filling protection, Strainer and drain function for extra safety. Mueller Flange type inlet connection. Bottom and side mounting options supplied as standard.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8
12	Check Valve	ST.ST 316 -10088-3 1.4401/PTFE/CARBON FILLED
13	Strainer Element	ST.ST 316 -10088-3 1.4401
14	Spring	ST.ST 302 Spring Steel



Product Part Number – CVFV40SSB1C05 - ** - Dimension in mm

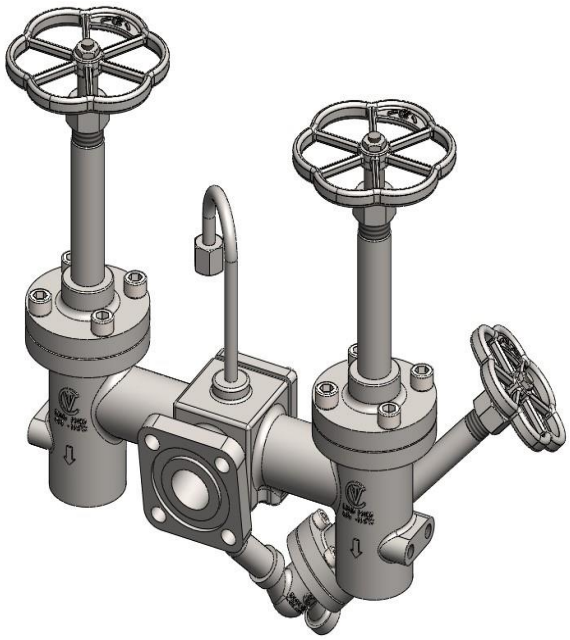
TYPE CVFV	Technical Data	
Nominal Size **	DN	40
Length Between CRS	'A'	260.35
Extension Length	'B'	280
Height	'C'	350
Handwheel	'D'	130
Length Between Mountings	'E'	340
Across Flats	'A/F-1'	30
Across Flats	'A/F-2'	M10
Weight	Kg's	11.5
CV	US-gal/min	33
KV	m^3/h	29

Important Note:

The Fill valve must be mounted using the M12 threaded connections on the unit sides or the M10 threaded connections on the lower part of the centre section of the unit. Both threaded connections can be used at the same time as a further mounting option.

Cryogenic Valve Fill Valve Extended Stem – Check Valve – Strainer & CVMG Drain Valve – Socket End – ASTM

Description

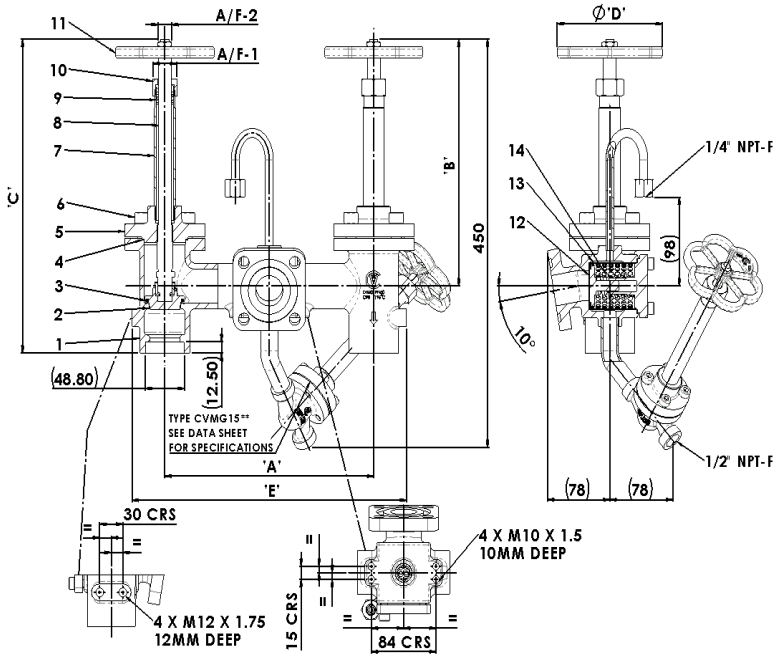


Cryogenic stainless steel extended stem fill valve.
'One Piece' style body for optimal flow and eliminates welded joints to a minimum. Graphite sealing packing design and graphite body/bonnet joints. Metal to Metal Cone seat design with dual sealing for a tight shut off. Safety Check Valve for filling protection, Strainer and drain function for extra safety. Mueller Flange type inlet connection. Bottom and side mounting options supplied as standard.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Disc	ST.ST 316 -10088-3 1.4401
3	Secondary Seal	PTFE/CARBON FILLED
4	Bonnet Gasket	ST.ST/GRAPHITE
5	Cover	ASTM A351 CF8
6	Capscrews	BS6105 ST.ST A2 GR70
7	Extension Tube	ASTM A312 TP 304L
8	Stem	ST.ST 316 -10088-3 1.4401
9	Packings	BRAIDED GRAPHITE
10	Gland Nut	ST.ST 316 -10088-3 1.4401
11	Handwheel	ASTM A351 CF8
12	Check Valve	ST.ST 316 -10088-3 1.4401/PTFE/CARBON FILLED
13	Strainer Element	ST.ST 316 -10088-3 1.4401
14	Spring	ST.ST 302 Spring Steel



Product Part Number – CVFV40SSSEC05 - ** - Dimension in mm

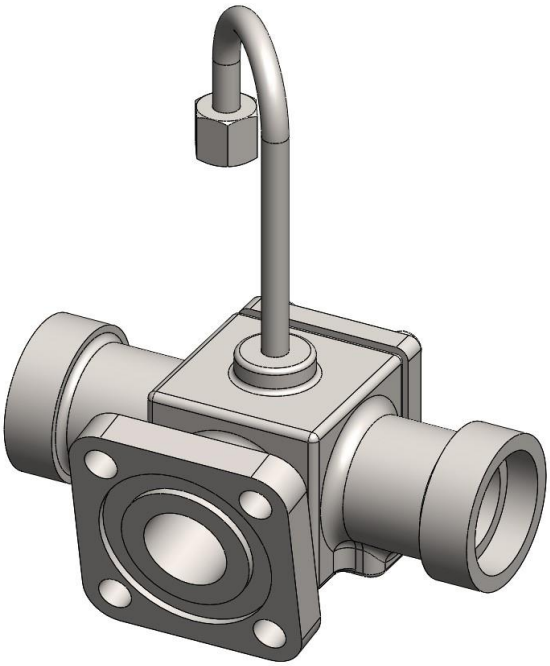
TYPE CVFV	Technical Data	
Nominal Size **	DN	40
Length Between CRS	'A'	260.35
Extension Length	'B'	280
Height	'C'	350
Handwheel	'D'	130
Length Between Mountings	'E'	340
Across Flats	'A/F-1'	30
Across Flats	'A/F-2'	M10
Weight	Kg's	11.5
CV	US-gal/min	33
KV	m^3/h	29

Important Note:

The Fill valve must be mounted using the M12 threaded connections on the unit sides or the M10 threaded connections on the lower part of the centre section of the unit. Both threaded connections can be used at the same time as a further mounting option.

Cryogenic Valve Fill Valve - Centre Filling Assembly - Socket End – ASTM

Description

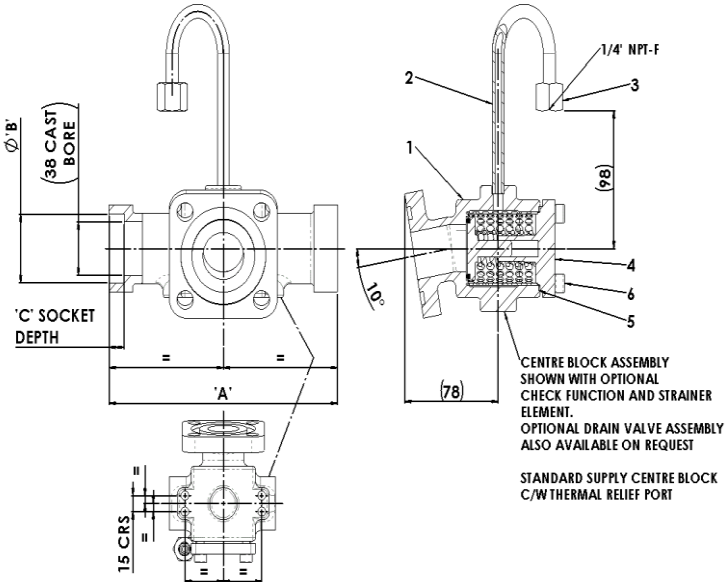


Cryogenic stainless steel centre filling assembly.
Centre assembly can be fitted into any cryogenic system to create a filling point/coupling. Centre assembly used on its own or be fitted to Angle type valve or Globe type valves to create a filling/shut off system.
Centre Assembly can be supplied either as a flanged unit with Safety Thermal port or complete with a Safety Check Valve for filling protection, Strainer and drain function for extra safety. Mueller Flange type inlet connection. Bottom mounting options supplied as standard.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.
Accreditations: Standard marking acc. to Pressure Equipment Directive (PED). CE

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Expansion Tube	ASTM A312 TP 304L
3	Safety Relief Valve Port	ST.ST 316 -10088-3 1.4401
4	Cover	ASTM A351 CF8
5	Gasket	ST.ST/GRAPHITE
6	Capscrews	BS6105 ST.ST A2 GR70



Product Part Number – **CVFV40SSSECB****

** For optional Accessories replace ** with order code from the configuration table on the next page - Dimension in mm

TYPE CVFV	Technical Data	
Nominal Size **	**DN**	**40**
Length	'A'	190
Socket Dia	'B'	49
Socket Depth	'C'	12.5
Weight	Kg's	3.7
CV	US-gal/min	33
KV	m^3/h	29

Important Note:

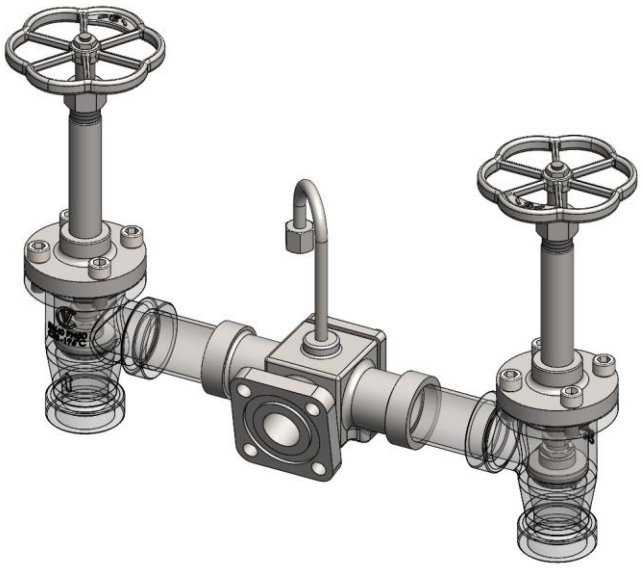
The Centre Filling Assembly must be mounted using the M10 threaded connections on the lower part of the centre section of the unit.

Cryogenic Valve Fill Valve - Centre Filling Assembly - Socket End – ASTM

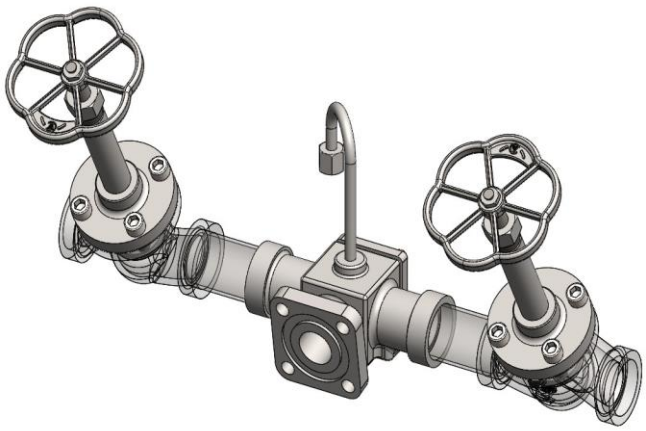
Product Part Number – **CVFV40SSSECB** ** ** - For optional accessories replace ** with order code from the configuration table

TYPE CVFV CENTRE ASSEMBLY CONFIGURATION PART NUMBER TABLE				
PART NUMBER	SAFETY RELIEF PORT	STRAINER ELEMENT	CHECK FUNCTION	DRAIN ASSY (CVMG15)
CVFV40SSSECB10	X	..	..	..
CVFV40SSSECB20	X	X	X	..
CVFV40SSSECB30	X	X	X	X

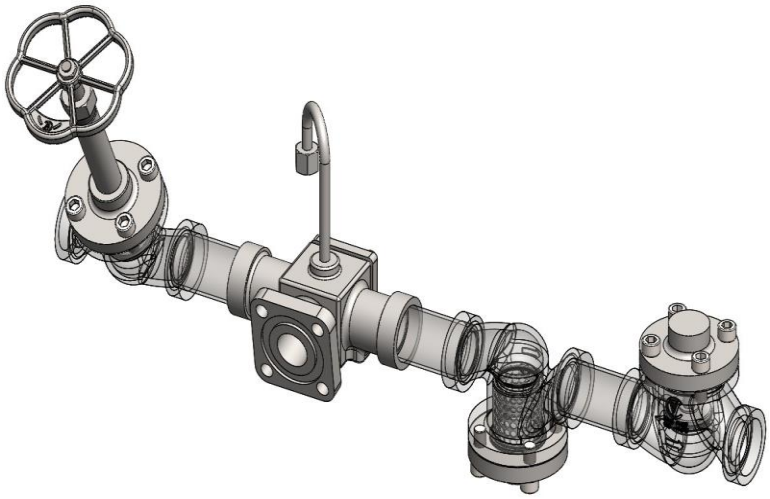
Examples of configurations that can be applied to the centre filling assembly.



CVT Centre Filling Assembly & CVT Angle Valves



CVT Centre Filling Assembly & CVT Globe Valves

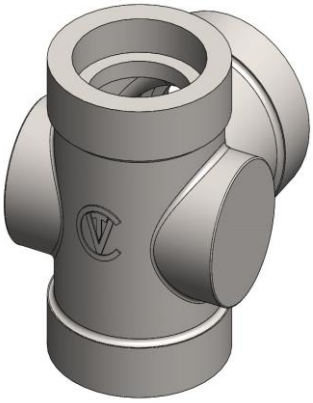


CVT Centre Filling Assembly & CVT Globe Strainer & Check

Cryogenic Valve Spares – Three Port Tee Piece for Type: - CVMG – CVAT – CVMS – CVAG – CVAD – CVFV - CVDV

Description

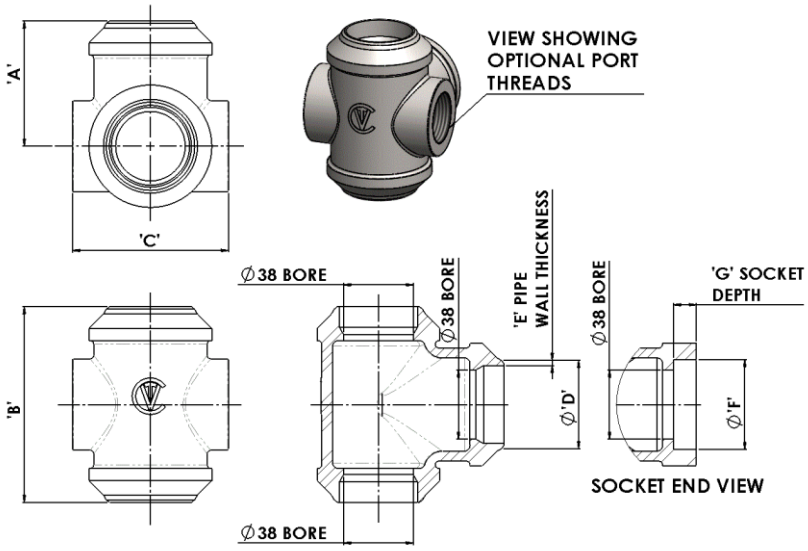
Cryogenic stainless steel three port tee piece.
The three-port tee can be fitted into any cryogenic system to create a branch system to other valves or services. The tee piece has also the features to add threaded side port for other Cryogenic applications, such as a sample or test point.
The three-port tee is supplied as BW Sch'd 10 or Socket End – ASTM
Other sizes and port applications are available on request.



Technical details

Prepared and Protected for Oxygen service applications.
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Tee Piece	ASTM A351 CF8



TYPE CVSP	Technical Data	
Nominal Size **	**DN**	**40**
Length Centre to Tee Port	'A'	68.5
Length End to End	'B'	107.0
Length Port to Port	'C'	85.00
Outside Pipe Dia	'D'	48.3
Wall Thickness	'E'	2.77
Socket Dia	'F'	49
Socket Depth	'G'	12.5
Weight	Kg's	1.5
CV	US-gal/min	33
KV	m^3/h	29

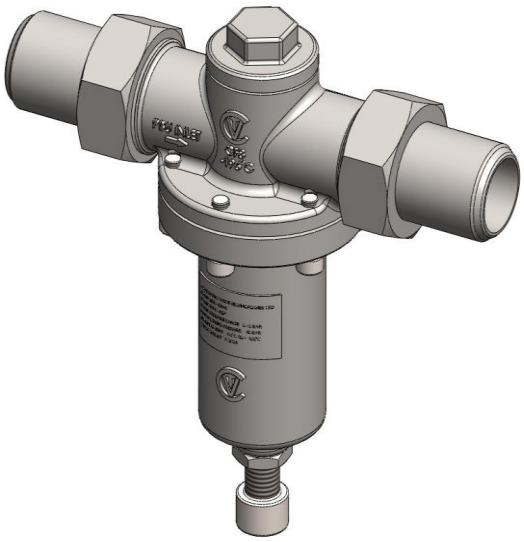
Product Part Number – CVSP40SS**TP00- ** - For end connections see table below ** Dimension in mm

Part Number	End Connection
CVSP40SSB1TP00	BW SCH'D 10 - (3X PORTS)
CVSP40SSSETP00	SOCKET END - ASTM - (3X PORTS)

For further port configurations and threaded optional side ports please contact Cryogenic Valve Technologies.

Cryogenic Valve Pressure Build Up Regulator – DN40 Size - Butt Weld Sch'd 10

Description



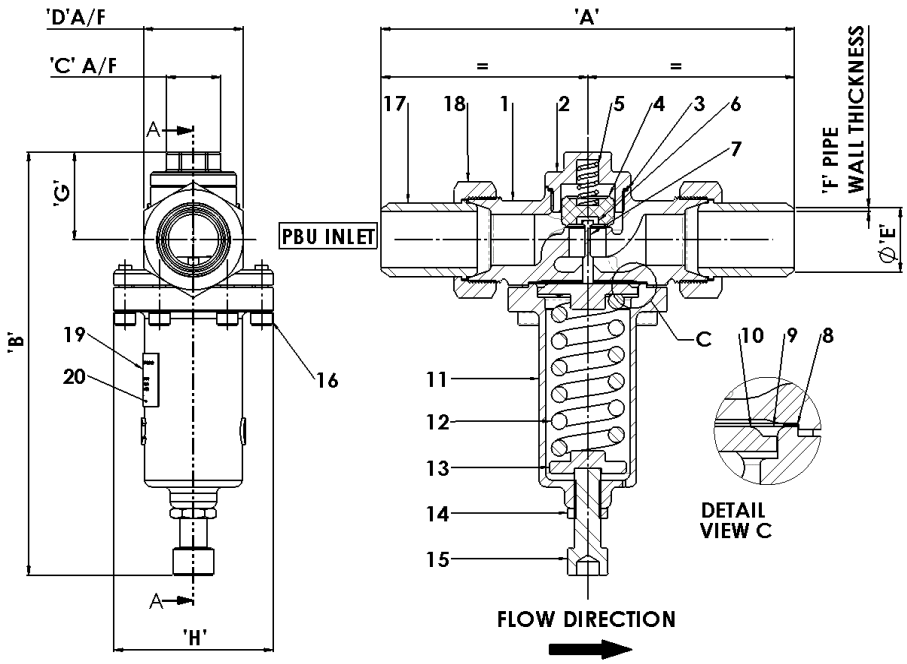
Cryogenic stainless-steel pressure build-up regulator.
38mm bore. Union Bullnose and coupling design for ease of installation & maintenance. Simple adjustment screw if different pressure setting is required. Easy access/maintenance of main seal.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum design pressure: 50 bar (725 psi)
Regulation pressures 2 bar (29 psi) to 30 bar (290 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Seat Cover	ASTM A351 CF8
3	Seat Cover Gasket	ST.ST/GRAPHITE
4	Seal	PTFE/HOSTAFLON
5	Balance Spring	ST.ST 302 SPRING STEEL
6	Guide Pin Bush	ST.ST 316 -10088-3 1.4401
7	Guide Pin	ST.ST 316 -10088-3 1.4401
8	Diaphragm Gasket	ST.ST/GRAPHITE
9	Diaphragm	ST.ST 316 -10088-3 1.4401
10	Diaphragm Thrust Plate	ST.ST 316 -10088-3 1.4401

Item	Description	Material Grade
11	Spring Housing	ASTM A351 CF8
12	Main Spring	ST.ST 302 SPRING STEEL
13	Spring Thrust Plate	ST.ST 316 -10088-3 1.4401
14	Locknut	BS6105 ST.ST A2 GR70
15	Adjusting Screw	BS6105 ST.ST A2 GR70
16	Capscrews	BS6105 ST.ST A2 GR70
17	Coupling	ST.ST 316 -10088-3 1.4401
18	Coupling Locknut	ST.ST 316 -10088-3 1.4401
19	Label	ST.ST 316 -10088-3 1.4401
20	Rivets	BS6105 ST.ST A2 GR70



Cryogenic Valve Pressure Build Up Regulator – DN40 Size - Butt Weld Sch'd 10

Product Part Number – **CVPB40SSB1F**** - ****** - For pressure operation range see table below– pressure range configuration number replaces ******

Dimensions are in mm

TYPE CVPB SET PRESSURE RANGE PART NUMBER TABLE	
VALVE PART NUMBER	**SET PRESSURE RANGE**
CVPB40SSB1F07	2 BAR (29 PSI) TO 8 BAR (116 PSI)
CVPB40SSB1F08	5 BAR (72.5 PSI) TO 19 BAR (275 PSI)
CVPB40SSB1F09	14 BAR (217 PSI) TO 24 BAR (290 PSI)

TYPE CVPB	**Technical Data**	
Nominal Size **	**DN**	**40**
Length	'A'	312
Height	'B'	317
Seat Cover A/F	'C'	40
Coupling Locknut A/F	'D'	75
Outside Pipe Dia	'E'	48.3
Wall Thickness	'F'	2.77
Height	'G'	65.7
Cover Dia	'H	120
Weight	Kg's	7.5
CV	US-gal/min	7.1
KV	m^3/h	6.2

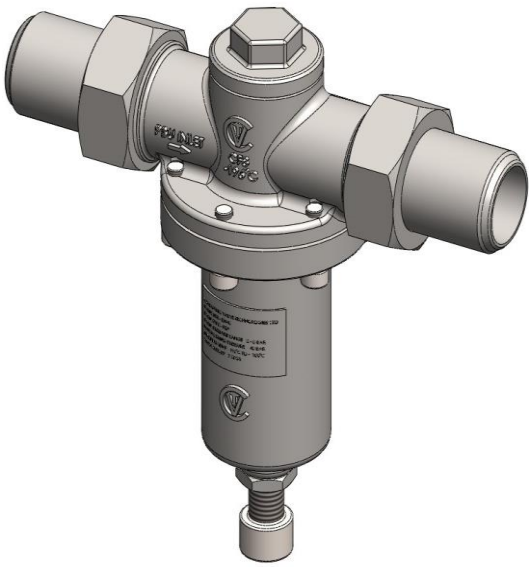
Dimension in mm

Important Note:

Regulator will be set at the mid-point of each spring range. If a specific set pressure is required, please inform CVT on time of purchase

Cryogenic Valve Pressure Build Up Regulator – DN40 Size - Butt Weld Metric – 45 x 3mm

Description



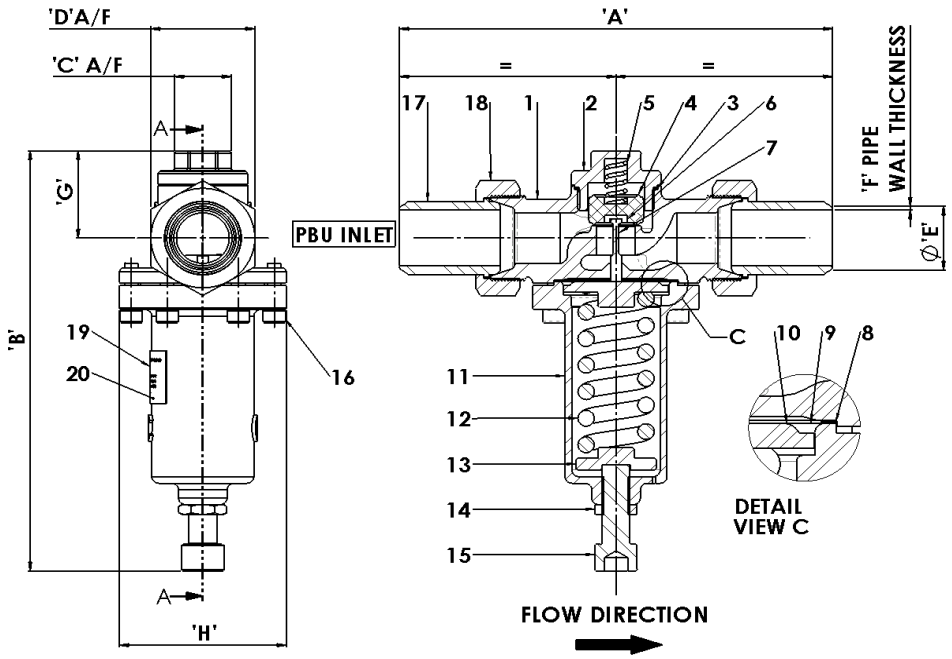
Cryogenic stainless-steel pressure build-up regulator.
38mm bore. Union Bullnose and coupling design for ease of installation & maintenance. Simple adjustment screw if different pressure setting is required. Easy access/maintenance of main seal.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum design pressure: 50 bar (725 psi)
Regulation pressures 2 bar (29 psi) to 30 bar (290 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Seat Cover	ASTM A351 CF8
3	Seat Cover Gasket	ST.ST/GRAPHITE
4	Seal	PTFE/HOSTAFLON
5	Balance Spring	ST.ST 302 SPRING STEEL
6	Guide Pin Bush	ST.ST 316 -10088-3 1.4401
7	Guide Pin	ST.ST 316 -10088-3 1.4401
8	Diaphragm Gasket	ST.ST/GRAPHITE
9	Diaphragm	ST.ST 316 -10088-3 1.4401
10	Diaphragm Thrust Plate	ST.ST 316 -10088-3 1.4401

Item	Description	Material Grade
11	Spring Housing	ASTM A351 CF8
12	Main Spring	ST.ST 302 SPRING STEEL
13	Spring Thrust Plate	ST.ST 316 -10088-3 1.4401
14	Locknut	BS6105 ST.ST A2 GR70
15	Adjusting Screw	BS6105 ST.ST A2 GR70
16	Capscrews	BS6105 ST.ST A2 GR70
17	Coupling	ST.ST 316 -10088-3 1.4401
18	Coupling Locknut	ST.ST 316 -10088-3 1.4401
19	Label	ST.ST 316 -10088-3 1.4401
20	Rivets	BS6105 ST.ST A2 GR70



Cryogenic Valve Pressure Build Up Regulator – DN40 Size - Butt Weld Metric – 45 x 3mm

Product Part Number – **CVPB40SSBMF**** - ****** - For pressure operation range see table below - pressure range configuration number replaces ****** Dimensions are in mm

TYPE CVPB SET PRESSURE RANGE PART NUMBER TABLE	
VALVE PART NUMBER	**SET PRESSURE RANGE**
CVPB40SSBMF07	2 BAR (29 PSI) TO 8 BAR (116 PSI)
CVPB40SSBMF08	5 BAR (72.5 PSI) TO 19 BAR (275 PSI)
CVPB40SSBMF09	14 BAR (217 PSI) TO 24 BAR (290 PSI)

TYPE CVPB	**Technical Data**	
Nominal Size **	**DN**	**40**
Length	'A'	312
Height	'B'	317
Seat Cover A/F	'C'	40
Coupling Locknut A/F	'D'	75
Outside Pipe Dia	'E'	45
Wall Thickness	'F'	3.0
Height	'G'	65.7
Cover Dia	'H'	120
Weight	Kg's	7.5
CV	US-gal/min	7.1
KV	m^3/h	6.2

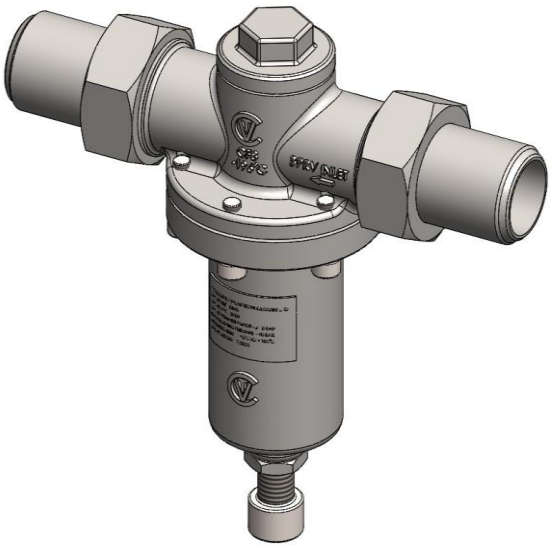
Dimension in mm

Important Note:

Regulator will be set at the mid-point of each spring range. If a specific set pressure is required, please inform CVT on time of purchase

Cryogenic Valve Back Pressure Relief Valve Regulator – DN40 Size - Butt Weld Sch'd 10

Description



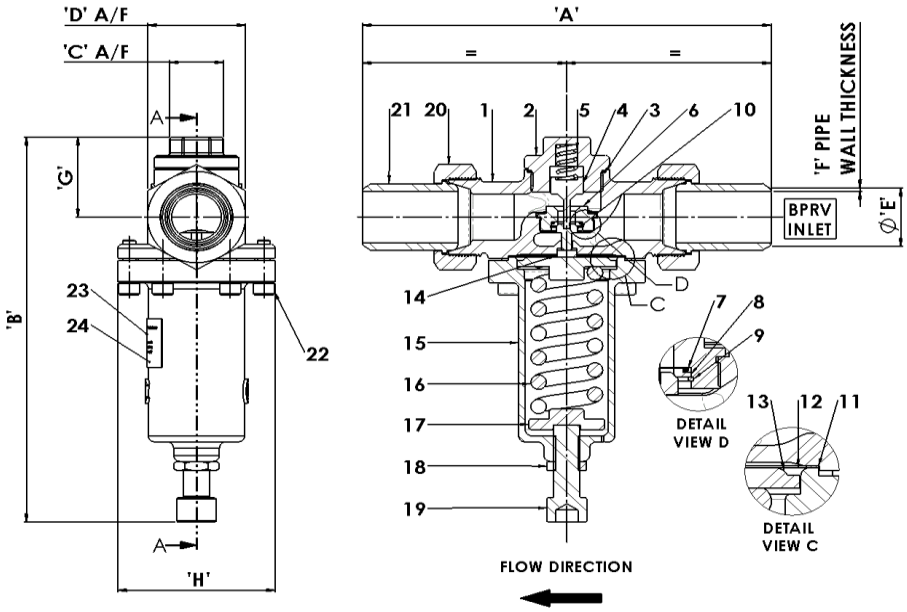
Cryogenic stainless-steel back pressure relief valve regulator. Diaphragm/Spring controlled system relief valve which senses pressure and relieves pressure when set point or greater is reached. 38mm bore. Union Bullnose and coupling design for ease of installation & maintenance. Simple adjustment screw if different pressure setting is required. Easy access/maintenance of main seal.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum design pressure: 50 bar (725 psi)
Regulation/Relief pressures 2 bar (29 psi) to 30 bar (290 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Seal/Seat Cover	ASTM A351 CF8
3	Seal/Seat Cover Gasket	ST.ST/GRAPHITE
4	Seat Guide Pin	ST.ST 316 -10088-3 1.4401
5	Balance Spring	ST.ST 302 SPRING STEEL
6	Seal Housing	ST.ST 316 -10088-3 1.4401
7	O Ring	VITON RUBBER
8	Main Seal	TORLON 4203L
9	Circlip	BS6105 ST.ST A2 GR70
10	Seat	ST.ST 316 -10088-3 1.4401
11	Diaphragm Gasket	ST.ST/GRAPHITE
12	Diaphragm	ST.ST 316 -10088-3 1.4401

Item	Description	Material Grade
13	Diaphragm Thrust Plate	ST.ST 316 -10088-3 1.4401
14	Seat Thrust Plate	ST.ST 316 -10088-3 1.4401
15	Spring Housing	ASTM A351 CF8
16	Main Spring	ST.ST 302 SPRING STEEL
17	Spring Thrust Plate	ST.ST 316 -10088-3 1.4401
18	Locknut	BS6105 ST.ST A2 GR70
19	Adjusting Screw	BS6105 ST.ST A2 GR70
20	Coupling Locknut	ST.ST 316 -10088-3 1.4401
21	BW Connector	ST.ST 316 -10088-3 1.4401
22	Capscrews	BS6105 ST.ST A2 GR70
23	Valve Label	ST.ST 316 -10088-3 1.4401
24	Valve Label Rivets	BS6105 ST.ST A2 GR70



Cryogenic Valve Back Pressure Relief Valve Regulator – DN40 Size - Butt Weld Sch'd 10

Product Part Number – **CVBP40SSB1F**** - ****** - For pressure operation range see table below– pressure range configuration number replaces ******

Dimensions are in mm

TYPE CVBP SET PRESSURE RANGE PART NUMBER TABLE	
VALVE PART NUMBER	**SET PRESSURE RANGE**
CVBP40SSB1F07	2 BAR (29 PSI) TO 8 BAR (116 PSI)
CVBP40SSB1F08	5 BAR (72.5 PSI) TO 19 BAR (275 PSI)
CVBP40SSB1F09	14 BAR (217 PSI) TO 24 BAR (290 PSI)

TYPE CVBP	**Technical Data**	
Nominal Size **	**DN**	**40**
Length	'A'	312
Height	'B'	317
Seat Cover A/F	'C'	40
Coupling Locknut A/F	'D'	75
Outside Pipe Dia	'E'	48.3
Wall Thickness	'F'	2.77
Height	'G'	65.7
Cover Dia	'H'	120
Weight	Kg's	7.5
CV	US-gal/min	7.1
KV	m^3/h	6.2

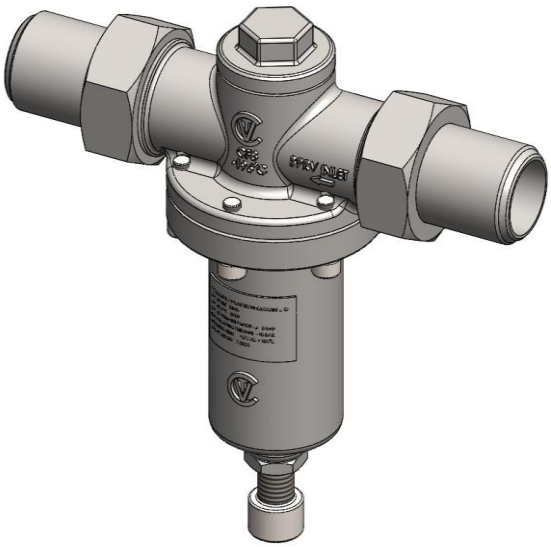
Dimension in mm

Important Note:

Regulator will be set at the mid-point of each spring range. If a specific set pressure is required, please inform CVT on time of purchase

Cryogenic Valve Back Pressure Relief Valve Regulator – DN40 Size Metric – 45 x 3mm

Description



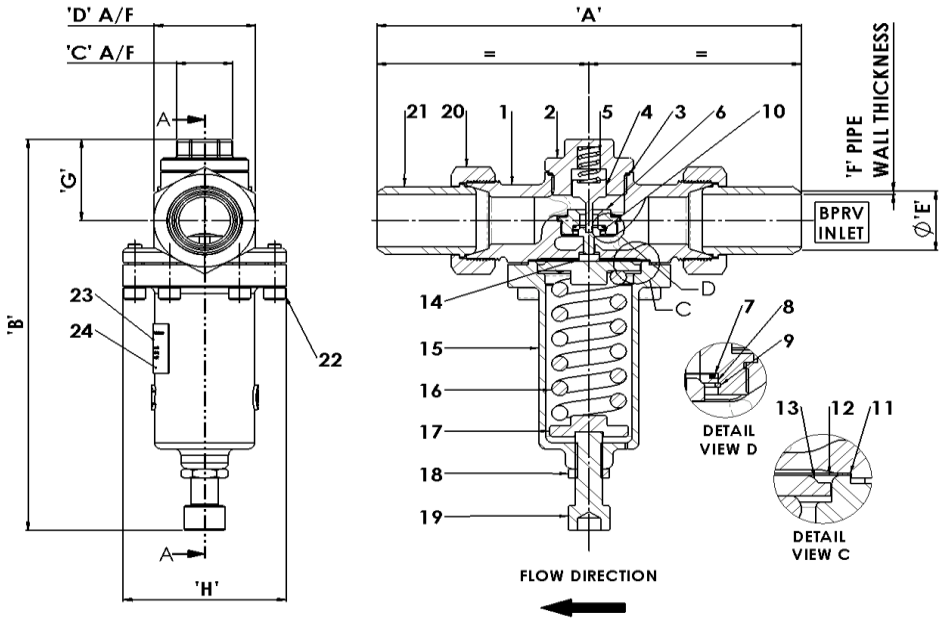
Cryogenic stainless-steel back pressure relief valve regulator. Diaphragm/Spring controlled system relief valve which senses pressure and relieves pressure when set point or greater is reached. 38mm bore. Union Bullnose and coupling design for ease of installation & maintenance. Simple adjustment screw if different pressure setting is required. Easy access/maintenance of main seal.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum design pressure: 50 bar (725 psi)
Regulation/Relief pressures 2 bar (29 psi) to 30 bar (290 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Seal/Seat Cover	ASTM A351 CF8
3	Seal/Seat Cover Gasket	ST.ST/GRAPHITE
4	Seat Guide Pin	ST.ST 316 -10088-3 1.4401
5	Balance Spring	ST.ST 302 SPRING STEEL
6	Seal Housing	ST.ST 316 -10088-3 1.4401
7	O Ring	VITON RUBBER
8	Main Seal	TORLON 4203L
9	Circlip	BS6105 ST.ST A2 GR70
10	Seat	ST.ST 316 -10088-3 1.4401
11	Diaphragm Gasket	ST.ST/GRAPHITE
12	Diaphragm	ST.ST 316 -10088-3 1.4401

Item	Description	Material Grade
13	Diaphragm Thrust Plate	ST.ST 316 -10088-3 1.4401
14	Seat Thrust Plate	ST.ST 316 -10088-3 1.4401
15	Spring Housing	ASTM A351 CF8
16	Main Spring	ST.ST 302 SPRING STEEL
17	Spring Thrust Plate	ST.ST 316 -10088-3 1.4401
18	Locknut	BS6105 ST.ST A2 GR70
19	Adjusting Screw	BS6105 ST.ST A2 GR70
20	Coupling Locknut	ST.ST 316 -10088-3 1.4401
21	BW Connector	ST.ST 316 -10088-3 1.4401
22	Capscrews	BS6105 ST.ST A2 GR70
23	Valve Label	ST.ST 316 -10088-3 1.4401
24	Valve Label Rivets	BS6105 ST.ST A2 GR70



Cryogenic Valve Back Pressure Relief Valve Regulator – DN40 Size Metric – 45 x 3mm

Product Part Number – **CVBP40SSBMF**** - ****** - For pressure operation range see table below– pressure range configuration number replaces ****** Dimensions are in mm

TYPE CVBP SET PRESSURE RANGE PART NUMBER TABLE	
VALVE PART NUMBER	**SET PRESSURE RANGE**
CVBP40SSBMF07	2 BAR (29 PSI) TO 8 BAR (116 PSI)
CVBP40SSBMF08	5 BAR (72.5 PSI) TO 19 BAR (275 PSI)
CVBP40SSBMF09	14 BAR (217 PSI) TO 24 BAR (290 PSI)

TYPE CVBP	**Technical Data**	
Nominal Size **	**DN**	**40**
Length	'A'	312
Height	'B'	317
Seat Cover A/F	'C'	40
Coupling Locknut A/F	'D'	75
Outside Pipe Dia	'E'	45.0
Wall Thickness	'F'	3.0
Height	'G'	65.7
Cover Dia	'H'	120
Weight	Kg's	7.5
CV	US-gal/min	7.1
KV	m^3/h	6.2

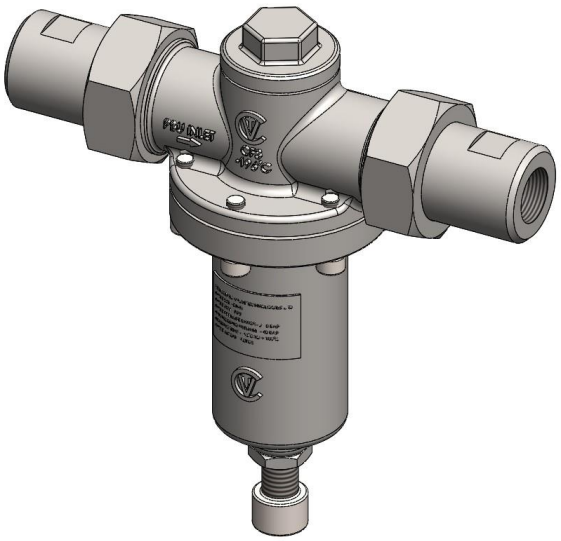
Dimension in mm

Important Note:

Regulator will be set at the mid-point of each spring range. If a specific set pressure is required, please inform CVT on time of purchase

Cryogenic Valve Pressure Build Up Regulator – DN25 Size
NPT-F – ANSI B 1.20.1

Description



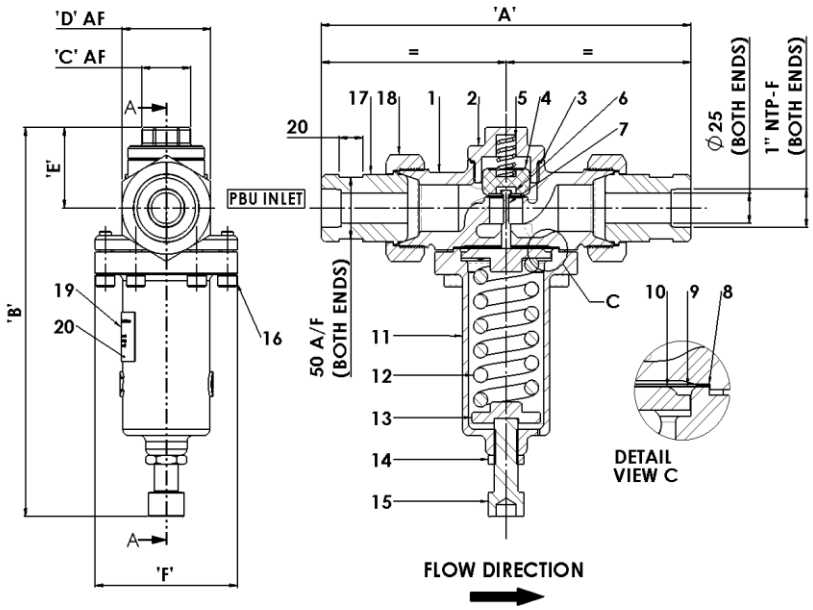
Cryogenic stainless-steel pressure build-up regulator.
38mm dia main regulator bore. 25mm dia bore, Union Bullnose and coupling design for ease of installation & maintenance. Simple adjustment screw if different pressure setting is required. Easy access/maintenance of main seal.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum design pressure: 50 bar (725 psi)
Regulation pressures 2 bar (29 psi) to 30 bar (290 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Seat Cover	ASTM A351 CF8
3	Seat Cover Gasket	ST.ST/GRAPHITE
4	Seal	PTFE/HOSTAFLON
5	Balance Spring	ST.ST 302 SPRING STEEL
6	Guide Pin Bush	ST.ST 316 -10088-3 1.4401
7	Guide Pin	ST.ST 316 -10088-3 1.4401
8	Diaphragm Gasket	ST.ST/GRAPHITE
9	Diaphragm	ST.ST 316 -10088-3 1.4401
10	Diaphragm Thrust Plate	ST.ST 316 -10088-3 1.4401

Item	Description	Material Grade
11	Spring Housing	ASTM A351 CF8
12	Main Spring	ST.ST 302 SPRING STEEL
13	Spring Thrust Plate	ST.ST 316 -10088-3 1.4401
14	Locknut	BS6105 ST.ST A2 GR70
15	Adjusting Screw	BS6105 ST.ST A2 GR70
16	Capscrews	BS6105 ST.ST A2 GR70
17	Coupling	ST.ST 316 -10088-3 1.4401
18	Coupling Locknut	ST.ST 316 -10088-3 1.4401
19	Label	ST.ST 316 -10088-3 1.4401
20	Rivets	BS6105 ST.ST A2 GR70



Cryogenic Valve Pressure Build Up Regulator – DN25 Size
NPT-F – ANSI B 1.20.1

Product Part Number – **CVPB25SSNPF**** - ****** - For pressure operation range see table below - pressure range configuration number replaces ****** Dimensions are in mm

TYPE CVPB SET PRESSURE RANGE PART NUMBER TABLE	
VALVE PART NUMBER	**SET PRESSURE RANGE**
CVPB25SSNPF07	2 BAR (29 PSI) TO 8 BAR (116 PSI)
CVPB25SSNPF08	5 BAR (72.5 PSI) TO 19 BAR (275 PSI)
CVPB25SSNPF09	14 BAR (217 PSI) TO 24 BAR (290 PSI)

TYPE CVPB	**Technical Data**	
Nominal Size **	**DN**	**25**
Length	'A'	312
Height	'B'	317
Seat Cover A/F	'C'	40
Coupling Locknut A/F	'D'	75
Height	'E'	65.7
Cover Dia	'F'	120
Weight	Kg's	7.5
CV	US-gal/min	2.3
KV	m^3/h	2

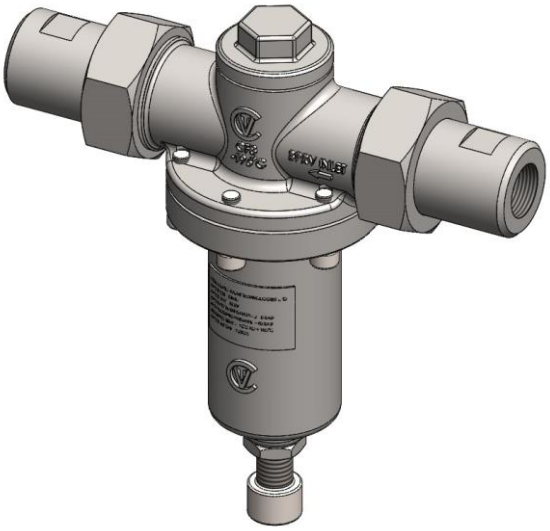
Dimension in mm

Important Note:

Regulator will be set at the mid-point of each spring range. If a specific set pressure is required, please inform CVT on time of purchase

Cryogenic Valve Back Pressure Relief Valve Regulator – DN25 Size
NPT-F – ANSI B 1.20.1

Description



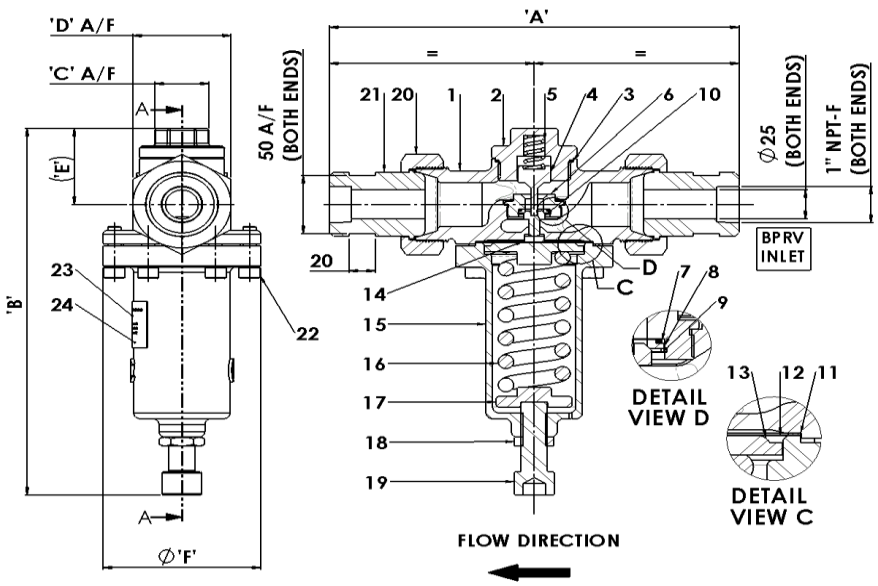
Cryogenic stainless-steel back pressure relief valve regulator. Diaphragm/Spring controlled system relief valve which senses pressure and relieves pressure when set point or greater is reached. 38mm bore. Union Bullnose and coupling design for ease of installation & maintenance. Simple adjustment screw if different pressure setting is required. Easy access/maintenance of main seal.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum design pressure: 50 bar (725 psi)
Regulation/Relief pressures 2 bar (29 psi) to 30 bar (290 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Seal/Seat Cover	ASTM A351 CF8
3	Seal/Seat Cover Gasket	ST.ST/GRAPHITE
4	Seat Guide Pin	ST.ST 316 -10088-3 1.4401
5	Balance Spring	ST.ST 302 SPRING STEEL
6	Seal Housing	ST.ST 316 -10088-3 1.4401
7	O Ring	VITON RUBBER
8	Main Seal	TORLON 4203L
9	Circlip	BS6105 ST.ST A2 GR70
10	Seat	ST.ST 316 -10088-3 1.4401
11	Diaphragm Gasket	ST.ST/GRAPHITE
12	Diaphragm	ST.ST 316 -10088-3 1.4401

Item	Description	Material Grade
13	Diaphragm Thrust Plate	ST.ST 316 -10088-3 1.4401
14	Seat Thrust Plate	ST.ST 316 -10088-3 1.4401
15	Spring Housing	ASTM A351 CF8
16	Main Spring	ST.ST 302 SPRING STEEL
17	Spring Thrust Plate	ST.ST 316 -10088-3 1.4401
18	Locknut	BS6105 ST.ST A2 GR70
19	Adjusting Screw	BS6105 ST.ST A2 GR70
20	Coupling Locknut	ST.ST 316 -10088-3 1.4401
21	BW Connector	ST.ST 316 -10088-3 1.4401
22	Capscrews	BS6105 ST.ST A2 GR70
23	Valve Label	ST.ST 316 -10088-3 1.4401
24	Valve Label Rivets	BS6105 ST.ST A2 GR70



Cryogenic Valve Back Pressure Relief Valve Regulator – DN25 Size NPT-F – ANSI B 1.20.1

Product Part Number – **CVBP25SSNPF**** - ****** - For pressure operation range see table below–

pressure range configuration number replaces ****** Dimensions are in mm

TYPE CVBP SET PRESSURE RANGE PART NUMBER TABLE	
VALVE PART NUMBER	**SET PRESSURE RANGE**
CVBP25SSNPF07	2 BAR (29 PSI) TO 8 BAR (116 PSI)
CVBP25SSNPF08	5 BAR (72.5 PSI) TO 19 BAR (275 PSI)
CVBP25SSNPF09	14 BAR (217 PSI) TO 24 BAR (290 PSI)

TYPE CVBP	**Technical Data**	
Nominal Size **	**DN**	**25**
Length	'A'	312
Height	'B'	317
Seat Cover A/F	'C'	40
Coupling Locknut A/F	'D'	75
Height	'E'	65.7
Cover Dia	'F'	120
Weight	Kg's	7.5
CV	US-gal/min	2.3
KV	m^3/h	2

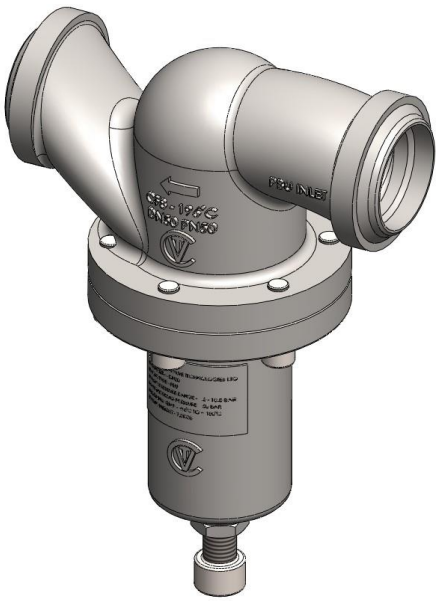
Dimension in mm

Important Note:

Regulator will be set at the mid-point of each spring range. If a specific set pressure is required, please inform CVT on time of purchase

Cryogenic Valve Pressure Build Up Regulator – DN50 Size - Butt Weld Sch'd 10

Description



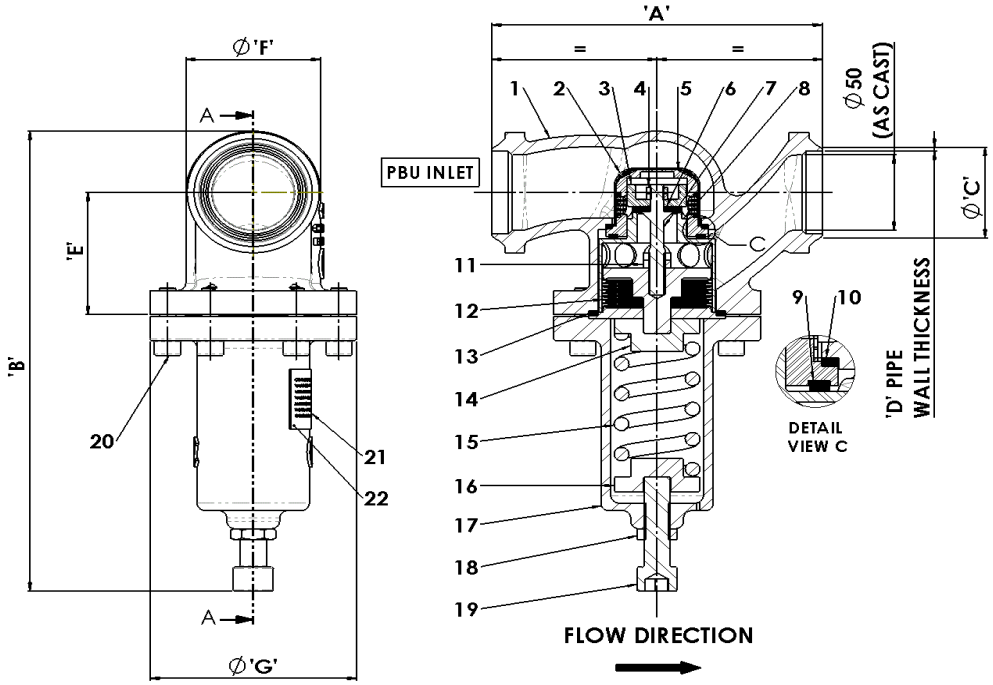
Cryogenic stainless-steel pressure build-up regulator.
50mm bore. Simple adjustment screw if different pressure setting is required. Seal/Bellow Cartridge assembly for Easy access/maintenance.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum design pressure: 50 bar (725 psi)
Regulation pressures 1.5 bar (22 psi) to 10.5 bar (152 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Filter	ST.ST 316 -10088-3 1.4401
3	Seal Piston	ST.ST 316 -10088-3 1.4401
4	Locknut	BS6105 ST.ST A2 GR70
5	Piston & Filter Housing	ST.ST 316 -10088-3 1.4401
6	Main Seal	PTFE/25% CARBON FILLED
7	Stem	ST.ST 316 -10088-3 1.4401
8	Bellow Housing	ST.ST 316 -10088-3 1.4401
9	Seal To Housing	ST.ST/GRAPHITE
10	Seal To Housing & Body	ST.ST/GRAPHITE
11	Locknut	BS6105 ST.ST A2 GR70

Item	Description	Material Grade
12	Bellows	ST.ST 316 -10088-3 1.4401
13	Body/Bellows Gasket	ST.ST/GRAPHITE
14	Spring Thrust Plate	ST.ST 316 -10088-3 1.4401
15	Main Spring	ST.ST 302 SPRING STEEL
16	Spring Thrust Plate	ST.ST 316 -10088-3 1.4401
17	Sping Housing	ASTM A351 CF8
18	Adjusting Screw Locknut	BS6105 ST.ST A2 GR70
19	Adjusting Screw	BS6105 ST.ST A2 GR70
20	Capscrews	BS6105 ST.ST A2 GR70
21	Label	ST.ST 316 -10088-3 1.4401
22	Rivets	BS6105 ST.ST A2 GR70



Cryogenic Valve Pressure Build Up Regulator – DN50 Size - Butt Weld Sch'd 10

Product Part Number – **CVPB50SSB1F**** - ****** - For pressure operation range see table below– pressure range configuration number replaces ******

Dimensions are in mm

TYPE CVPB SET PRESSURE RANGE PART NUMBER TABLE	
VALVE PART NUMBER	**SET PRESSURE RANGE**
CVPB50SSB1F06	1.5 BAR (22 PSI) TO 10.5 BAR (152 PSI)

TYPE CVPB	**Technical Data**	
Nominal Size **	**DN**	**50**
Length	'A'	200
Height	'B'	305
Outside Pipe Dia	'C'	60.3
Wall Thickness	'D'	2.77
Height	'E'	81
Diameter	'F'	82
Cover Dia	'G'	125
Weight	Kg's	8
CV	US-gal/min	12.5
KV	m^3/h	10.8

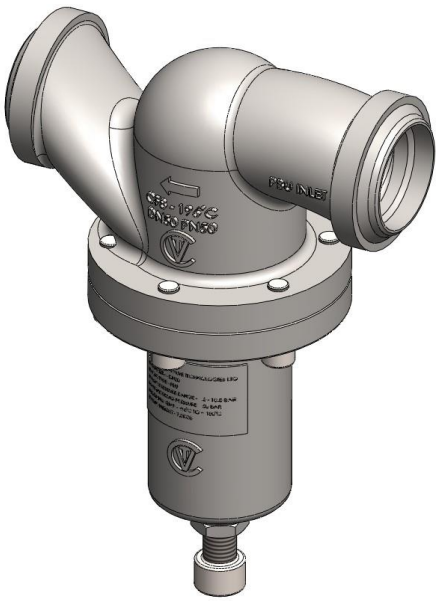
Dimension in mm

Important Note:

Regulator will be set at the mid-point of the spring range. If a specific set pressure is required, please inform CVT on time of purchase

Cryogenic Valve Pressure Build Up Regulator – DN50 Size
Metric – 57 x 3mm

Description



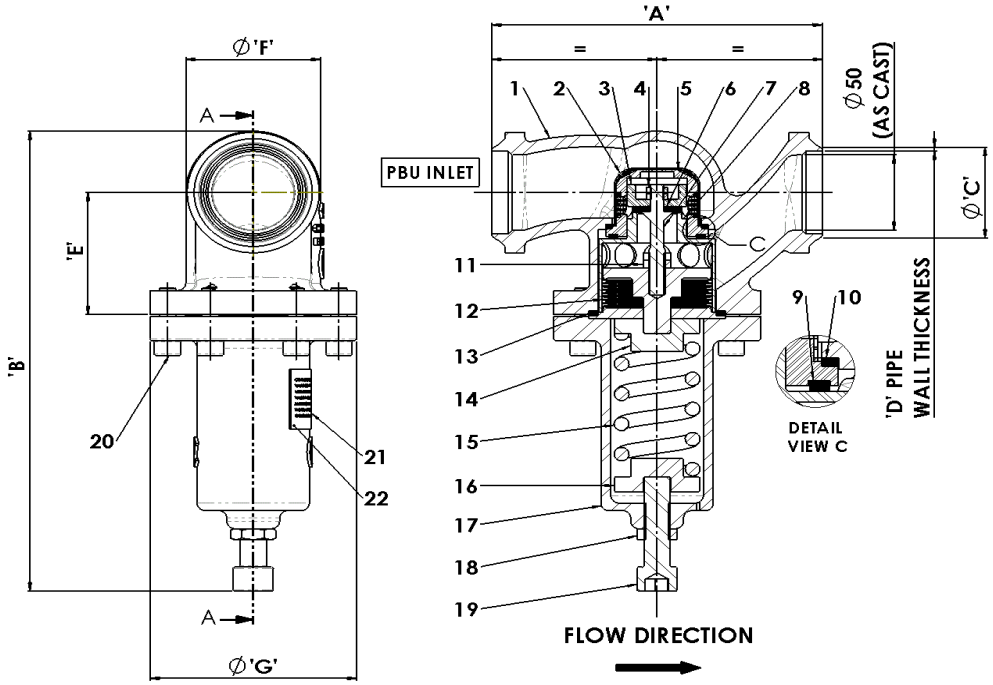
Cryogenic stainless-steel pressure build-up regulator.
50mm bore. Simple adjustment screw if different pressure setting is required. Seal/Bellow Cartridge assembly for Easy access/maintenance.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum design pressure: 50 bar (725 psi)
Regulation pressures 1.5 bar (22 psi) to 10.5 bar (152 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Body	ASTM A351 CF8
2	Filter	ST.ST 316 -10088-3 1.4401
3	Seal Piston	ST.ST 316 -10088-3 1.4401
4	Locknut	BS6105 ST.ST A2 GR70
5	Piston & Filter Housing	ST.ST 316 -10088-3 1.4401
6	Main Seal	PTFE/25% CARBON FILLED
7	Stem	ST.ST 316 -10088-3 1.4401
8	Bellow Housing	ST.ST 316 -10088-3 1.4401
9	Seal To Housing	ST.ST/GRAPHITE
10	Seal To Housing & Body	ST.ST/GRAPHITE
11	Locknut	BS6105 ST.ST A2 GR70

Item	Description	Material Grade
12	Bellows	ST.ST 316 -10088-3 1.4401
13	Body/Bellows Gasket	ST.ST/GRAPHITE
14	Spring Thrust Plate	ST.ST 316 -10088-3 1.4401
15	Main Spring	ST.ST 302 SPRING STEEL
16	Spring Thrust Plate	ST.ST 316 -10088-3 1.4401
17	Sping Housing	ASTM A351 CF8
18	Adjusting Screw Locknut	BS6105 ST.ST A2 GR70
19	Adjusting Screw	BS6105 ST.ST A2 GR70
20	Capscrews	BS6105 ST.ST A2 GR70
21	Label	ST.ST 316 -10088-3 1.4401
22	Rivets	BS6105 ST.ST A2 GR70



Cryogenic Valve Pressure Build Up Regulator – DN50 Size
Metric – 57 x 3mm

Product Part Number – **CVPB50SSBMF**** - ****** - For pressure operation range see table below – pressure range configuration number replaces ****** Dimensions are in mm

TYPE CVPB SET PRESSURE RANGE PART NUMBER TABLE	
VALVE PART NUMBER	**SET PRESSURE RANGE**
CVPB50SSBMF06	1.5 BAR (22 PSI) TO 10.5 BAR (152 PSI)

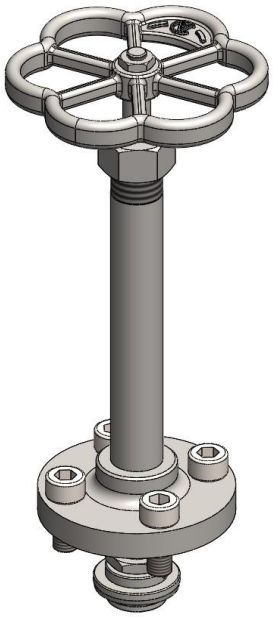
TYPE CVPB	**Technical Data**	
Nominal Size **	**DN**	**50**
Length	'A'	200
Height	'B'	305
Outside Pipe Dia	'C'	57.0
Wall Thickness	'D'	3.0
Height	'E'	81
Diameter	'F'	82
Cover Dia	'G'	125
Weight	Kg's	8
CV	US-gal/min	12.5
KV	m^3/h	10.8

Dimension in mm

Important Note:

Regulator will be set at the mid-point of the spring range. If a specific set pressure is required, please inform CVT on time of purchase

Cryogenic Valve Spares – Manual Globe Valve
Headwork Extended Stem for Type: - CVMG



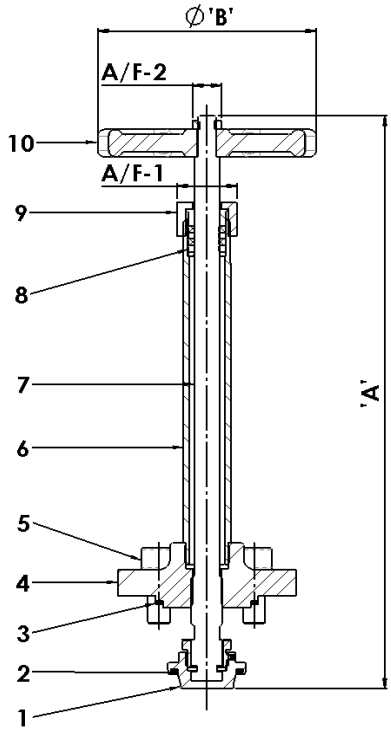
Description

Replacement manual globe valve headwork, bonnet gasket & capscrews.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

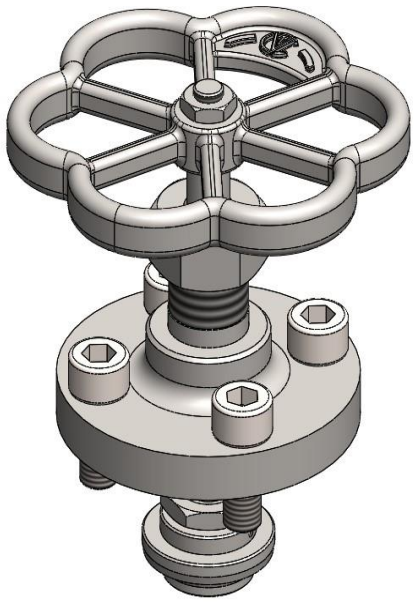
Item	Description	Material Grade
1	Disc	ST.ST 316 -10088-3 1.4401
2	Secondary Seal	PTFE/CARBON FILLED
3	Bonnet Gasket	ST.ST/GRAPHITE
4	Cover	ASTM A351 CF8
5	Capscrews	BS6105 ST.ST A2 GR70
6	Extension Tube	ASTM A312 TP 304L
7	Stem	ST.ST 316 -10088-3 1.4401
8	Packings	BRAIDED GRAPHITE
9	Gland Nut	ST.ST 316 -10088-3 1.4401
10	Handwheel	ASTM A351 CF8



Product Part Number – CVSP**HWAC01 - ** - For valve size see table below – Size number replaces ** Dimension in mm

TYPE CVSP	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	250	270	280	300	380	390
Handwheel	'B'	100	100	130	130	245	245
Across Flats	'A/F-1'	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.0	1.4	2.6	3.5	6.0	8.0

Cryogenic Valve Spares – Manual Globe Valve
Headwork Non-Extended Stem for Type: - CVMG



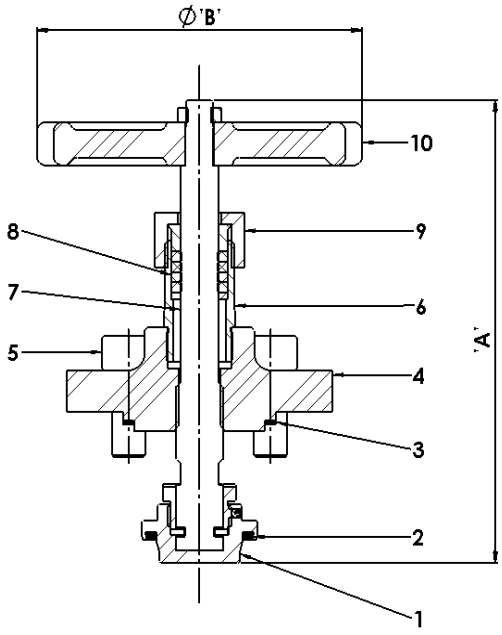
Description

Replacement manual globe valve headwork non extended, bonnet gasket & capscrews.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Recommended Working Temperature: -60 Degrees Celsius /-76 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

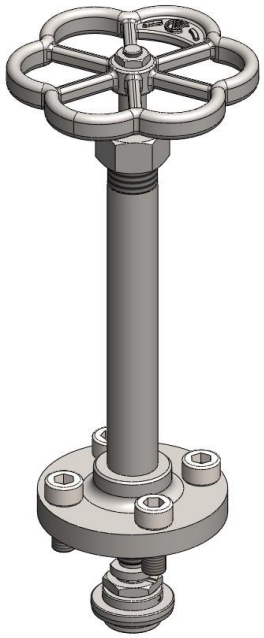
Item	Description	Material Grade
1	Disc	ST.ST 316 -10088-3 1.4401
2	Secondary Seal	PTFE/CARBON FILLED
3	Bonnet Gasket	ST.ST/GRAPHITE
4	Cover	ASTM A351 CF8
5	Capscrews	BS6105 ST.ST A2 GR70
6	Extension Tube	ASTM A312 TP 304L
7	Stem	ST.ST 316 -10088-3 1.4401
8	Packings	BRAIDED GRAPHITE
9	Gland Nut	ST.ST 316 -10088-3 1.4401
10	Handwheel	ASTM A351 CF8



Product Part Number – CVSP**HWAC00 - ** - For valve size see table below – Size number replaces ** Dimension in mm

TYPE CVSP	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	140	140	175	200	300	300
Handwheel	'B'	100	100	130	130	245	245
Across Flats	'A/F-1'	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.0	1.2	2.1	3.1	5.5	7.5

Cryogenic Valve Spares – Manual Angle Valve & Fill Valve Headwork Extended Stem for Type: - CVAG - CVFV



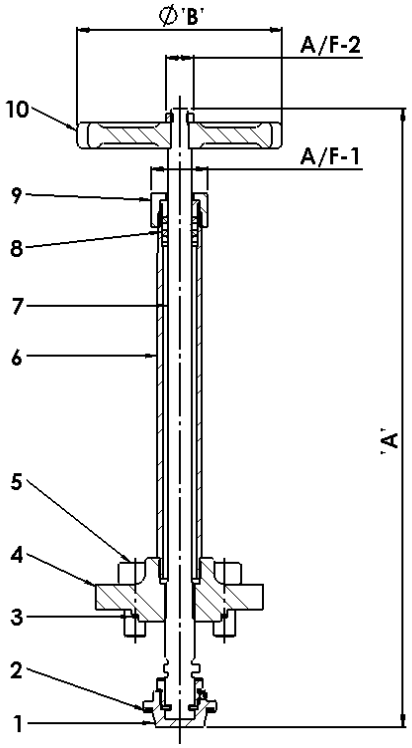
Description

Replacement manual angle valve & fill valve headwork, bonnet gasket & capscrews.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

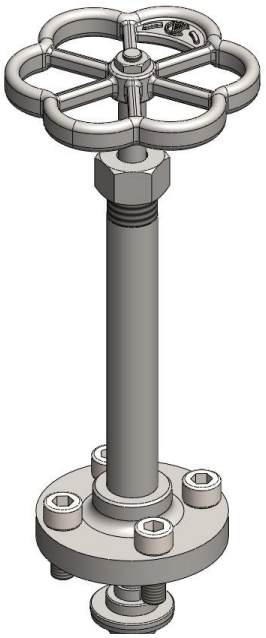
Item	Description	Material Grade
1	Disc	ST.ST 316 -10088-3 1.4401
2	Secondary Seal	PTFE/CARBON FILLED
3	Bonnet Gasket	ST.ST/GRAPHITE
4	Cover	ASTM A351 CF8
5	Capscrews	BS6105 ST.ST A2 GR70
6	Extension Tube	ASTM A312 TP 304L
7	Stem	ST.ST 316 -10088-3 1.4401
8	Packings	BRAIDED GRAPHITE
9	Gland Nut	ST.ST 316 -10088-3 1.4401
10	Handwheel	ASTM A351 CF8



Product Part Number – CVSP**HWAGC01 - ** - For valve size see table below – Size number replaces ** Dimension in mm

TYPE CVSP	Technical Data				
Nominal Size **	DN	15	25	40	50
length	'A'	260	280	290	290
Handwheel	'B'	100	100	130	130
Across Flats	'A/F-1'	27	27	30	30
Across Flats	'A/F-2'	M8	M8	M10	M10
Weight	Kg's	1.1	1.5	2.7	3.6

Cryogenic Valve Spares – Screw Down Non-Return Headwork Extended Stem for Type: - CVMS



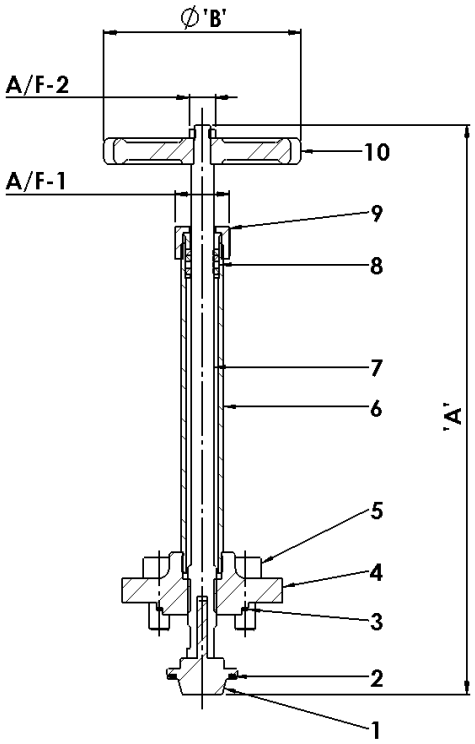
Description

Replacement screw down non-return headwork, disc, bonnet gasket & capscrews.

Technical details

Cleaned & degreased for Oxygen service applications.
Maximum working pressure: 50 bar (725 psi)
Maximum Temperature: +120 Degrees Celsius / +248 Degrees Fahrenheit
Minimum Temperature: -196 Degrees Celsius /-321 Degrees Fahrenheit
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Disc	ST.ST 316 -10088-3 1.4401
2	Secondary Seal	PTFE/CARBON FILLED
3	Bonnet Gasket	ST.ST/GRAPHITE
4	Cover	ASTM A351 CF8
5	Capscrews	BS6105 ST.ST A2 GR70
6	Extension Tube	ASTM A312 TP 304L
7	Stem	ST.ST 316 -10088-3 1.4401
8	Packings	BRAIDED GRAPHITE
9	Gland Nut	ST.ST 316 -10088-3 1.4401
10	Handwheel	ASTM A351 CF8



Product Part Number – CVSP**HWNRC01 - ** - For valve size see table below – Size number replaces ** Dimension in mm

TYPE CVSP	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
length	'A'	250	270	280	300	380	390
Handwheel	'B'	100	100	130	130	245	245
Across Flats	'A/F-1'	27	27	30	30	40	40
Across Flats	'A/F-2'	M8	M8	M10	M10	M10	M10
Weight	Kg's	1.0	1.4	2.6	3.5	6.0	8.0

Cryogenic Valve Spares – Packing and Bonnet Gasket for Type: - CVMG – CVAT – CVMS – CVAG – CVAD – CVFV

Description

Replacement Graphite packings and bonnet gasket.

Spares Contents: -

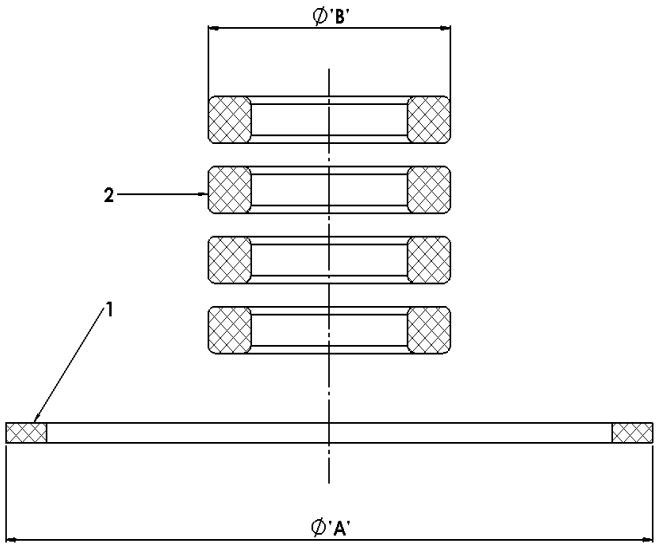
4 x Graphite packing rings

1 x St. St/Graphite bonnet gasket

Technical details

Prepared and Protected for Oxygen service applications.
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Bonnet Gasket	ST.ST/GRAPHITE
2	Packings	BRAIDED GRAPHITE



Product Part Number – CVSP**PBG00 - ** - For valve size see table below – Size number replaces **

Dimension in mm

TYPE CVSP	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
Bonnet Gasket Dia	'A'	31.0	46.0	57.0	82.0	96.0	111.0
Packing Dia	'B'	17.0	17.0	22.0	22.0	27.0	27.0
Weight	Kg's	0.04	0.04	0.04	0.04	0.04	0.04

Cryogenic Valve Spares – Disc Assembly and Bonnet Gasket for Type: - CVMG – CVAT – CVAG – CVAD – CVFV

Description

Replacement disc assembly and bonnet gasket.

Spares Contents: -

1 x Disc assembly

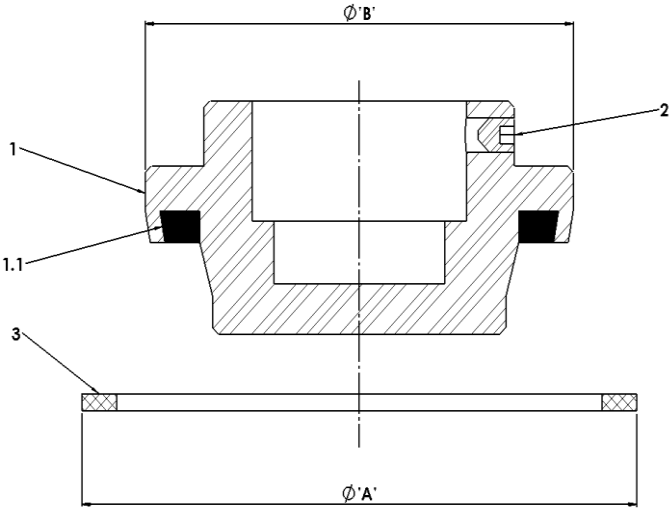
1 x St. St Set Screw

1 x St. St/Graphite bonnet gasket

Technical details

Prepared and Protected for Oxygen service applications.
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Disc	ST.ST 316 -10088-3 1.4401
1.1	Seal	PTFE/CARBON FILLED
2	Set Screw	BS6105 ST.ST A2 GR70
3	Bonnet Gasket	ST.ST/GRAPHITE



Product Part Number – CVSP**DABG0 - ** - For valve size see table below – Size number replaces **

Dimension in mm

TYPE CVSP	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
Bonnet Gasket Dia	'A'	31.0	46.0	57.0	82.0	96.0	111.0
Disc Assembly Dia	'B'	24.0	35.0	50.0	62.0	80.0	92.0
Weight	Kg's	0.07	0.12	0.18	0.23	0.55	0.68

Cryogenic Valve Spares – Strainer Element 100 Mesh and Bonnet or Back Flange Gasket for Type: - CVMN - CVFV

Description

Replacement strainer element (100 Mesh) and bonnet gasket.

Spares Contents: -

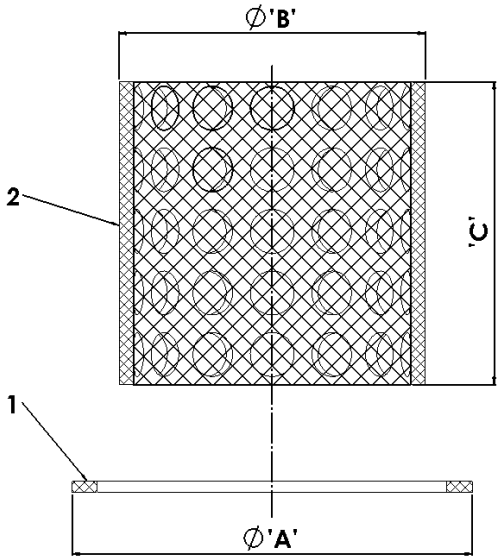
1 x Strainer element (100 Mesh)

1 x St. St/Graphite bonnet gasket or back flange gasket for Fill Valve Assembly only

Technical details

Prepared and Protected for Oxygen service applications.
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Strainer Element	ST.ST 316 -10088-3 1.4401
2	Bonnet Gasket	ST.ST/GRAPHITE



Product Part Number – CVSP**SEBGSS100 - ** - For valve size see table below – Size number replaces **

Product Part Number – CVSP40SEFVSS100 – This part number is for Fill Valve Assembly Replacement Strainer and gasket only

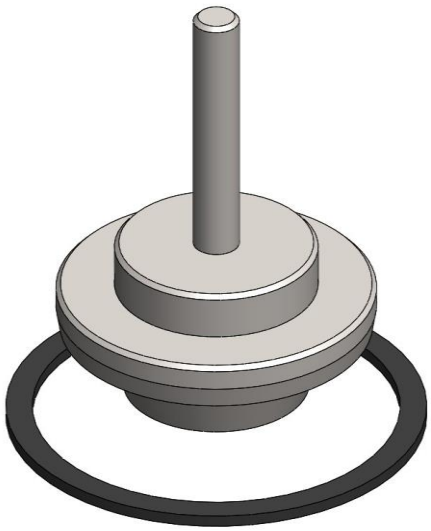
Dimension in mm – Standard supply is 100 mesh other mesh sizes available on request – CV & KV Values available on request

TYPE CVSP	Technical Data							
Nominal Size **	DN	15	25	40	40 Fill Assy	50	65	80
Bonnet Gasket Dia	'A'	31.0	46.0	57.0	..	82.0	96.0	111.0
Back Flange Gasket Dia	'A'	..	..	..	59.0	..	..	..
Strainer Element Dia	'B'	24.0	35.0	48.0	52.0	61.0	80.0	91.0
Strainer Element Length	'C'	23.5	35.0	49.0	59.0	50.0	80.0	91.0
Weight	Kg's	0.05	0.06	0.08	0.08	0.08	0.09	0.09

Cryogenic Valve Spares – Lift Check /SNDR Disc Assembly and Bonnet Gasket for Type: - CVML – CVMS

Description

Replacement lift check/SDNR disc assembly and bonnet gasket.



Spares Contents: -

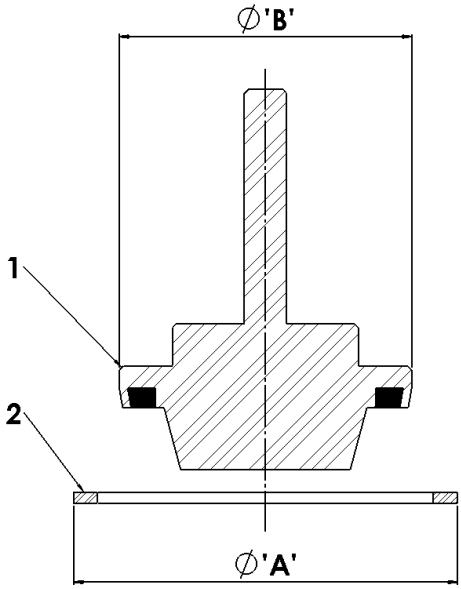
1 x Disc assembly

1 x St. St/Graphite bonnet gasket

Technical details

Prepared and Protected for Oxygen service applications.
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Disc	ST.ST 316 -10088-3 1.4401
1.1	Seal	PTFE/CARBON FILLED
2	Bonnet Gasket	ST.ST/GRAPHITE



Product Part Number – CVSP**LCDABG0 - ** - For valve size see table below – Size number replaces **

Dimension in mm

TYPE CVSP	Technical Data						
Nominal Size **	DN	15	25	40	50	65	80
Bonnet Gasket Dia	'A'	31.0	46.0	57.0	82.0	96.0	111.0
Disc Assembly Dia	'B'	24.0	35.0	50.0	62.0	80.0	92.0
Weight	Kg's	0.08	0.14	0.20	0.24	0.57	0.70

Cryogenic Valve Spares – Tyre Actuated Globe Valve Seals & O Rings for Type: - CVAT

Description

Replacement tyre actuated globe valve seals & O rings
Replacement Tyre actuator available on request

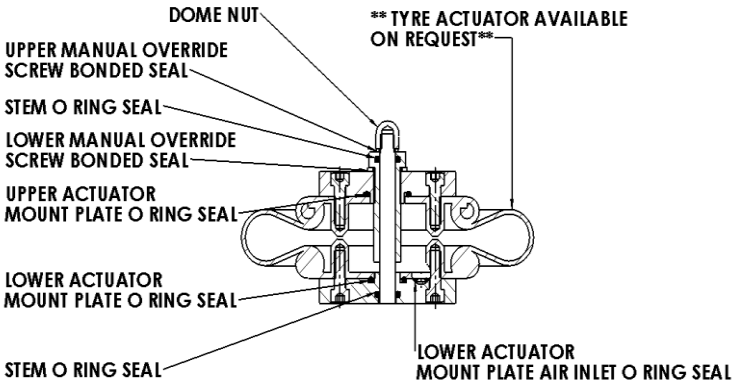
Spares Contents: -

2 x Stem O ring Seal
1 x Lower Actuator Mount Plate O Ring Seal
1 x Lower Actuator Mount Plate Air Inlet O Ring Seal
1 x Upper Actuator Mount Plate O Ring seal
1 x Lower Manual Override Screw Bonded seal
1 x Upper Manual Override Screw Bonded seal
1 x St. St Dome nut

Technical details

Prepared and Protected for Oxygen service applications.
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Description	Material Grade
All O Ring Seals	VITON RUBBER
Bonded Seals	ST.ST/EPDM RUBBER
Dome Nut	BS6105 ST.ST A2 GR70



Product Part Number – CVSPTAGVS00

TYPE CVSP	Technical Data	
Nominal Size **	DN	15 - 80
Weight	Kg's	0.20

Cryogenic Valve Spares – Diverter Valve Ball Seals, Packings & Gasket for Type: - CVDV

Description

Replacement diverter valve ball seals, packings, and gasket.

Spares Contents: -

2 x Ball seals

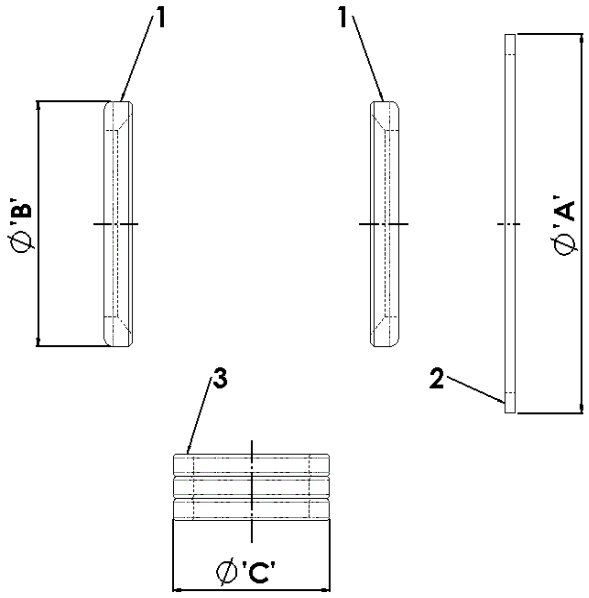
3 x Graphite packing rings

1 x St. St/Graphite cover gasket

Technical details

Prepared and Protected for Oxygen service applications.
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Ball Seal	Virgin PTFE
2	Bonnet Gasket	ST.ST/GRAPHITE
3	Packings	BRAIDED GRAPHITE



Product Part Number – CVSP**DVBSPG0 - ** - For valve size see table below – Size number replaces **

Dimension in mm

TYPE CVSP	Technical Data		
Nominal Size **	DN	25	40
Bonnet Gasket Dia	'A'	51.0	78.0
Ball Seal Dia	'B'	32.0	50.0
Packing Dia	'C'	22.0	28.5
Weight	Kg's	0.14	0.20

Cryogenic Valve Spares – Handwheel Spares for Type: - CVMG – CVAT – CVMS – CVAG – CVAD – CVFV

Description

Replacement handwheels for manual type globes (DN15 – DN80)
Replacement manual override handwheel for tyre actuated globe (DN15 -DN80)

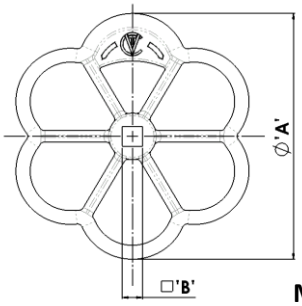
Spares contents dependant on type ordered -

1 x 100mm Dia St. St Handwheel (DN15 to DN25)
1 x 125mm Dia St. St Handwheel (DN40 to DN50)
1 x 250mm Dia St. St Handwheel (DN65 to DN80)
1 x 163mm Dia St. St Handwheel Tyre Act Globe (DN15 to DN80)

Technical details

Prepared and Protected for Oxygen service applications.
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

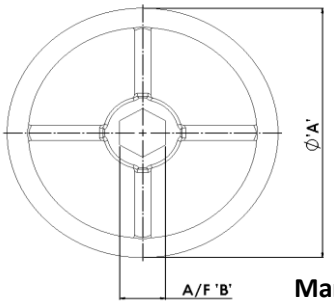
Description	Material Grade
DN15 - DN80 Manual Type Handwheel	ASTM A351 CF8
DN15 - DN80 Manual Override Handwheel	ASTM A351 CF8



Manual Type Handwheel

Manual Type Handwheel Product Part Number – CVS**HWSP00
****For valve size see table below – Size number replaces****

Manual Override Handwheel Product Part Number – CVS**TYHWSP00
** For valve size see table below – Size number replaces****



Manual Override Type Handwheel

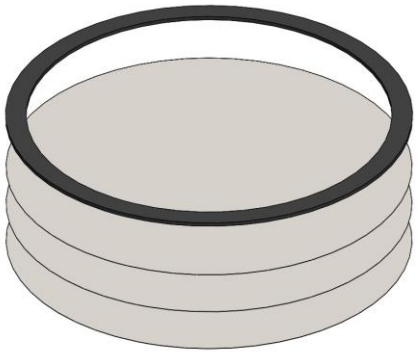
Dimension in mm

TYPE CVSP	Manual Type Handwheel Technical Data						
Nominal Size **	**DN**	**15**	**25**	**40**	**50**	**65**	**80**
Handwheel Dia	'A'	100	100	130	130	256	256
Handwheel Square	'B'	8.5	8.5	10.0	10.0	14.0	14.0
Weight	Kg's	0.26	0.26	0.36	0.36	0.65	0.65

TYPE CVSP	Manual Override Type Handwheel Technical Data						
Nominal Size **	**DN**	**15**	**25**	**40**	**50**	**65**	**80**
Handwheel Dia	'A'	163	163	163	163	163	163
Handwheel A/F	'B'	27.5	27.5	27.5	27.5	27.5	27.5
Weight	Kg's	0.40	0.40	0.40	0.40	0.40	0.40

Cryogenic Valve Spares – Pressure Build Up Regulator Spares
DN25 & DN40 – Diaphragm set & Diaphragm Gasket

Description



Replacement diaphragms and diaphragm gasket. (DN25 & DN40 Type)

Spares Contents: -

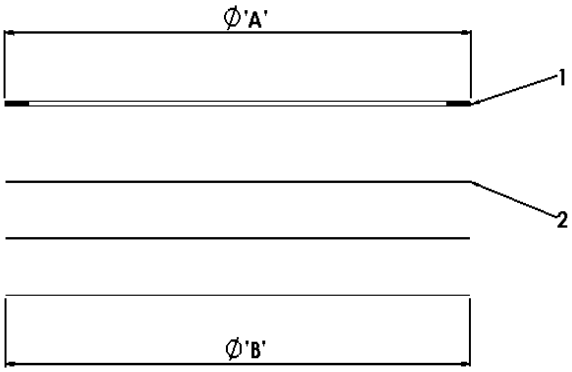
3 x Diaphragms

1 x St. St/Graphite diaphragm gasket

Technical details

Prepared and Protected for Oxygen service applications.
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Diaphragm Gasket	ST.ST/GRAPHITE
2	Diaphragm	ST.ST 316 -10088-3 1.4401

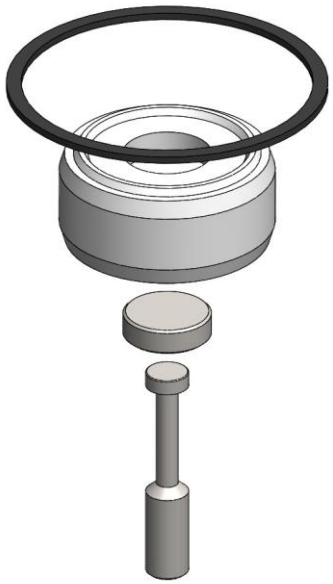


Product Part Number – CVSP**DIASP00 - ** - For valve size see table below – Size number replaces ** Dimension in mm

TYPE CVSP	Technical Data		
Nominal Size **	DN	25	40
Diaphragm Gasket Dia	'A'	89.0	89.0
Diaphragm Dia	'B'	89.0	89.0
Weight	Kg's	0.10	0.10

Cryogenic Valve Spares – Pressure Build Up Regulator Spares
DN25 & DN40 – Seal, Guide Pin/Bush & PBU Cover Gasket

Description



Replacement main PBU seal, guide pin/bush and PBU cover gasket.
(DN25 & DN40 Type)

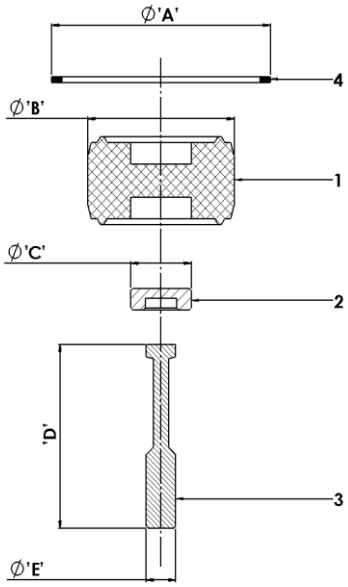
Spares Contents: -

1 x Main PBU seal
1 x Guide Pin
1 x Guide Pin Bush
1 x St. St/Graphite PBU cover gasket

Technical details

Prepared and Protected for Oxygen service applications.
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Main PBU Seal	PTFE HOSTAFLON
2	Guide Pin Bush	ST.ST 316 -10088-3 1.4401
3	Guide Pin	ST.ST 316 -10088-3 1.4401
4	PBU Cover Gasket	ST.ST/GRAPHITE



Product Part Number – CVSP**PBUSP00 - ** - For valve size see table below – Size number replaces ** Dimension in mm

TYPE CVSP	Technical Data		
Nominal Size **	DN	25	40
Cover Gasket Dia	'A'	59.5	59.5
Seal Dia	'B'	40.0	40.0
Pin Bush Dia	'C'	16.4	16.4
Pin Length	'D'	47.5	47.5
Pin Dia	'E'	8.0	8.0
Weight	Kg's	0.50	0.50

Cryogenic Valve Spares – Back Pressure Relief Valve Regulator Spares - DN25 & DN40 Seat/Seal Assembly & Seat Cover Gasket

Description

Replacement Seat/Seal Assembly & Seat Cover Gasket.
(DN25 & DN40 Type)

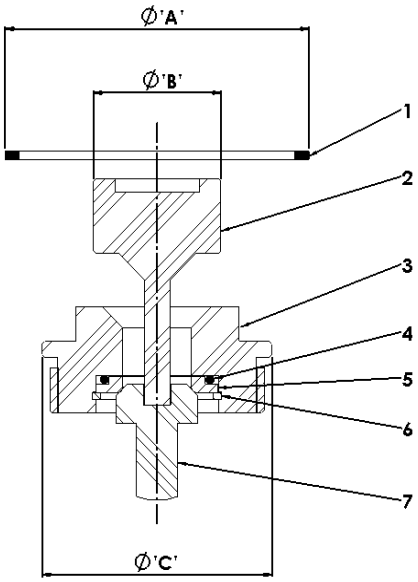
Spares Contents: -

1 x BPRV seal assembly
1 x Guide Pin
1 x BPRV seat
1 x St. St/Graphite seat cover gasket

Technical details

Prepared and Protected for Oxygen service applications.
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

Item	Description	Material Grade
1	Seat Cover Gasket	ST.ST/GRAPHITE
2	Guide Pin	ST.ST 316 -10088-3 1.4401
3	Seal Housing	ST.ST 316 -10088-3 1.4401
4	Seal O ring	VITON RUBBER
5	Main Seal	TORLON 4203L
6	Seal Cir-Clip	BS6105 ST.ST A2 GR70
7	BPRV Seat	ST.ST 316 -10088-3 1.4401

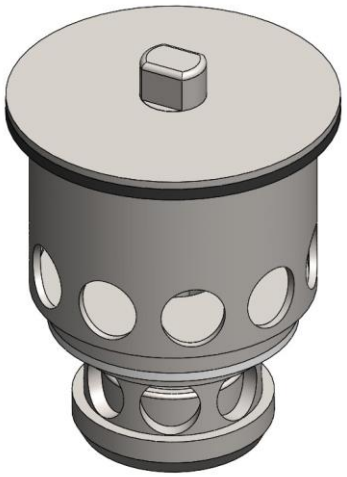


Product Part Number – CVSP**BPSASP00 - ** - For valve size see table below – Size number replaces ** Dimension in mm

TYPE CVSP	Technical Data		
Nominal Size **	DN	25	40
Cover Gasket Dia	'A'	59.5	59.5
Guide Pin	'B'	25.0	25.0
Seal Housing	'C'	45.0	45.0
Weight	Kg's	0.25	0.25

Cryogenic Valve Spares – Pressure Build Up Regulator Spares
DN50 – Bellows/Seal Assembly & Gaskets

Description



Replacement bellows/seal assembly & gaskets. (DN50 Type)

Spares Contents: -

1 x Bellows/Seal Assembly

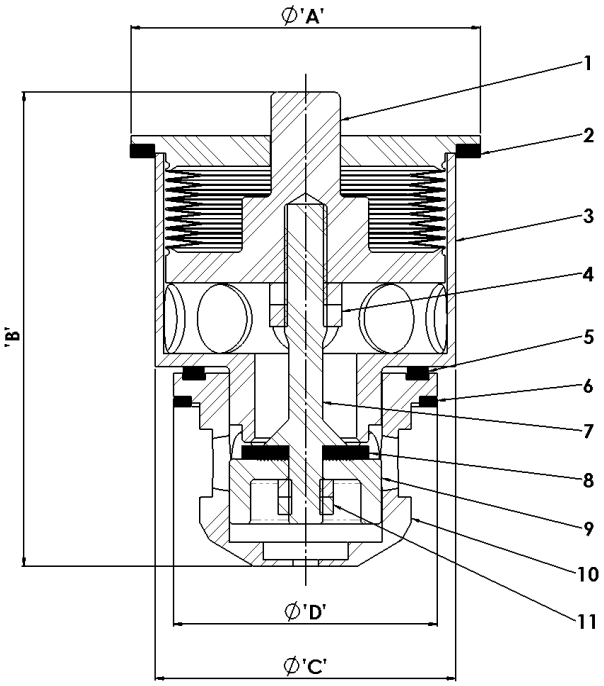
1 x Body to Housing PTFE/25% Carbon Filled gasket

1 x Body to Bellows St. St/Graphite diaphragm gasket

Technical details

Prepared and Protected for Oxygen service applications.
Application: Approved for air gases, vapours, and cryogenic liquefied gases incl. LNG.

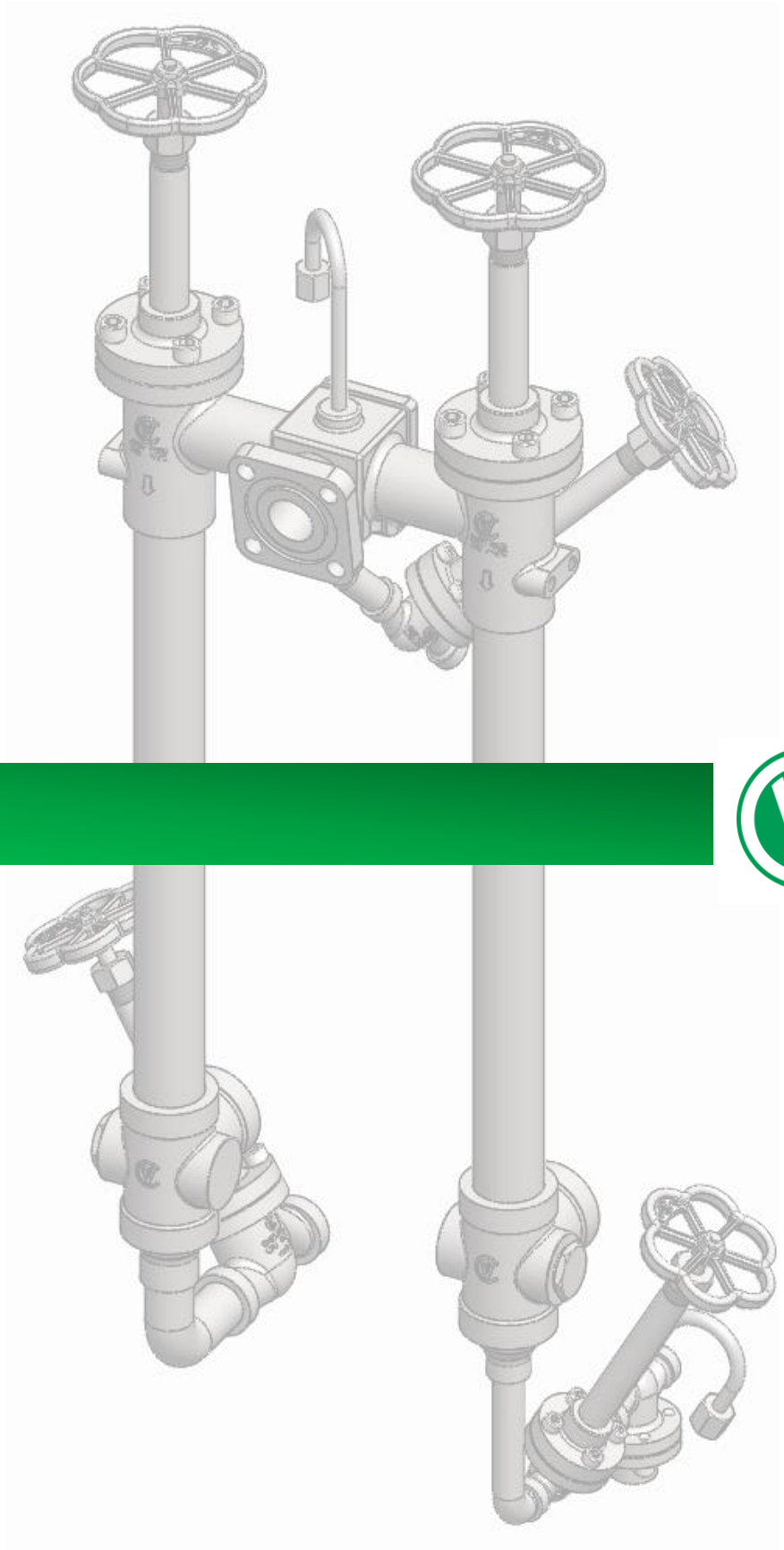
Item	Description	Material Grade
1	Bellows Assembly	ST.ST 316 - 10088-3 1.4401
2	Bellows Assembly Seal	ST.ST/GRAPHITE
3	Bellows Housing	ST.ST 316 - 10088-3 1.4401
4	Locknut	BS0105 ST.ST A2 GR70
5	Bellows Housing Seal	PTFE/25% CARBON FILLED
6	Housing Seal To Body Seal	PTFE/25% CARBON FILLED
7	Stem	ST.ST 316 - 10088-3 1.4401
8	Main Seal	PTFE/25% CARBON FILLED
9	Piston	ST.ST 316 - 10088-3 1.4401
10	Seal Housing	ST.ST 316 - 10088-3 1.4401
11	Locknut	BS0105 ST.ST A2 GR70



Product Part Number – CVSP**BSA00 - ** - For valve size see table below – Size number replaces ** Dimension in mm

TYPE CVSP	Technical Data	
Nominal Size **	DN	50
Bellows/Seal Dia	'A'	82.5
Length	'B'	109.0
Bellows Housing Dia	'C'	71.0
Seal Housing Dia	'D'	62.0
Weight	Kg's	1.20

For Your Notes



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