





















Globe Valve Product Guide

General Service + Heavy Duty

easy-E™ ED	easy-E ET	easy-E ES	easy-E EZ	easy-E EW
 <p>Cast Iron, Carbon Steel, SST, Alloys DN 25 to 200 - NPS 1 to 8 PN 16 to 100 - CL125 to CL600 Class II (Class III, IV, or V optional) 17.2-6500 rated Cv</p> 	 <p>Cast Iron, Carbon Steel, SST, Alloys DN 25 to 200 - NPS 1 to 8 PN 16 to 100 - CL125 to CL600 Class IV (Class V or VI optional) 17.2-6500 rated Cv</p> 	 <p>Cast Iron, Carbon Steel, SST, Alloys DN 15 to 200 - NPS ½ to 8 PN 16 to 100 - CL125 to CL600 Class IV (Class V or VI optional) 6.53-1110 rated Cv</p> 	 <p>Cast Iron, Carbon Steel, SST, Alloys DN 15 to 100 - NPS ½ to 4 PN 16 to 100 - CL125 to CL600 Class IV (Class V or VI optional) 4.47-190 rated Cv</p> 	 <p>Carbon Steel, SST, Alloys DN 100x50 to 300x200 - NPS 4x2 to 12x8 PN 16 to 160 - CL150 to CL900 Class II, III, IV, V, VI 82-1260 rated Cv</p> 

General Service + Low Flow

GX	24000CVF/SVF	24000	24000S	24000C
 <p>Carbon Steel, SST, Alloys DN 15 to 150 - NPS ½ to 6 PN 10 to 40 - CL150 or CL300 Class IV (Class V or VI optional) 0.11 to 413 rated Cv</p> 	 <p>SST, Carbon Steel NPS ½ to 2 PN 10 to 40 - CL150 or CL300 Class IV or VI 0.00013 to 56 rated Cv</p> 	 <p>Bronze NPS ½ to 2 CL250 Class IV or VI 0.02 to 50 rated Cv</p> 	 <p>SST NPS ½ to 3 CL300, except NPS 3 is CL150 Class IV or VI 0.00013 to 61 rated Cv</p> 	 <p>Carbon Steel NPS ½ to 2 PN10 to 40, CL150 Class IV or VI 0.02 to 52.9 rated Cv</p> 

Low Flow + Micro Flow

easy-E EZ	easy-E ES	24000SB	51000	81000
 <p>Carbon steel, SST, Alloys DN25-50, NPS ½ - 2 PN10 to 100, CL125-CL600 0.003 - 10.2 rated Cv</p> 	 <p>Carbon steel, SST DN25-DN50, NPS 1-2 PN20 to 100, CL150-CL600 0.001 - 3.383 rated Cv</p> 	 <p>SST, Alloys NPS ½ to 1 CL150-900, 3000 psi, 6000 psi Class IV or VI 0.00013 to 6.8 rated Cv</p> 	 <p>SST, Nickel Alloy NPS ¼ to ½ 3000 psi CWP Class IV or VI 0.00013 to 2.5 rated Cv</p> 	 <p>SST, Alloys NPS ¼ to ½ 275 psi CWP Class IV 0.0001 to 0.70 rated Cv</p> 

AVAILABLE TRIM OPTIONS



Linear Characteristic



Equal Percentage Characteristic



Quick Opening Characteristic



Balanced



Unbalanced



Whisper Trim



Cavitrol Trim











Angled Option Available










Visit Fisher.com or click on a product for more information.

Globe Valve Product Guide




High Pressure + Heavy Duty

HP	EH	Large ED	Large ET
 <p>Carbon Steel, SST, Alloys NPS 24 PN 160 to 250 CL900 to CL3200</p> 	 <p>Carbon Steel, SST, Alloys NPS 1 1/2 x 1 to 20 CL900 to CL2500 Class II, III, IV, V</p> 	 <p>Carbon Steel, SST, Alloys NPS 12 to 36 CL150 to CL600 Class IV (Class V optional) 50-9530 rated Cv</p> 	 <p>Carbon Steel, SST, Alloys NPS 12 to 36 CL150 to CL600 Class V (Class IV optional) 50-9530 rated Cv</p> 

3-Way Lined

24003/24003S	GX 3-Way	YS & YD	RSS	26000
 <p>SST, Bronze NPS 1/2 to 2 Class III 1 to 40 rated Cv</p> 	 <p>SST, Carbon Steel DN 25 to 100 - NPS 1 to 4 PN 10 to 40 - CL150 or CL300 Class IV 0.615 to 216.4 rated Cv</p> 	 <p>Cast Iron, Carbon Steel, SST, Alloys NPS 1/2 to 8 CL125 to CL600 Class IV or II (YD), Class IV or V (YS) 0.494 to 588 rated Cv</p> 	 <p>Ductile Iron with PFA liner NPS 1 to 4 CL150 or CL300 Class VI 1.91 to 145 rated Cv</p> 	 <p>PTFE Lined SST NPS 1 150 psi CWP, 10.3 bar CWP Class IV or VI 0.001 to 4.2 rated Cv</p>

Upstream Oil + Gas

D	D2T	D3	D4	D3 & D4 with easy-Drive™ actuator
 <p>Carbon Steel NPS 1 and 2 CL150 - CL2500 and API10000 Class IV (Class V optional) 0.354 to 44.9 rated Cv</p> 	 <p>Carbon Steel NPS 1 CL900 Class IV</p> 	 <p>Carbon Steel NPS 1 and 2 CL600 and CL900 Class IV 0.376 to 16.8 rated Cv</p> 	 <p>Carbon Steel NPS 1 and 2 CL150 and CL1500 Class IV 0.569 to 33.2 rated Cv</p> 	 <p>Electric actuator for D3 and D4 valves</p>

AVAILABLE TRIM OPTIONS



Linear Characteristic



Equal Percentage Characteristic



Quick Opening Characteristic



Balanced



Unbalanced



Whisper Trim



Cavitrol Trim



Angled Option Available

Visit Fisher.com or click on a product for more information.

Globe Valve Product Guide

Piston Actuators

585C

Piston actuator
 Sizes 25 to 130
 up to 111kN
 (25,000 lbf)
 Max thrust



685

Spring-return
 piston actuator
 Sizes 10 to 28
 354 kN
 (79,000 lbf)
 Max thrust



785C

Piston actuator
 Sizes 8 to 24
 354 kN
 (79,000 lbf)
 1600 kN (359,000
 lbf) for double
 acting springless
 and 540 kN
 (121,000 lbf) for
 spring-return
 Max thrust



Electric Actuation

easy-Drive 200L

Electric Actuator
 designed for Upstream
 Oil & Gas
 Paired with
 D3 or D4



Baumann™ SV

Electric Actuator
 designed for
 HVAC and
 semiconductors
 Fisher Baumann
 24000 series



Spring + Diaphragm

655

Spring-return
 pneumatic
 diaphragm
 Sizes 3A to 46



657/667

Spring-return
 pneumatic
 diaphragm
 Sizes 30 to 100
 10-200 kN
 (2,250 -
 45,000 lbf)
 Max thrust



16/32/54/70

Spring-return
 pneumatic
 diaphragm
 Sizes 16 to 70



Mounting

1010

Yoke,
 stem adaptor,
 travel scale,
 and spacers required
 to accommodate
 ISO 5210
 mounted
 electric actuators.



Manual Actuator


1008

Manual-only
 handwheel
 Sizes 30, 40,
 50, and 80
 7-75 kN
 (1,650-
 17,000 lbf)
 Max thrust




Standard Trim Options

Linear




Percentage of max Cv is directly
 proportional to the valve stem
 position. Used in constant
 pressure drop applications.

Equal Percentage



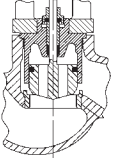
Equal increments of change in stem
 position produce an equal percentage
 of change in Cv. Used where change
 in pressure decreases as the flow rate
 increases.

Quick-Opening



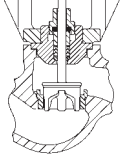
High Cv at low travel.
 Used for relief, on-off, dump,
 and high-grain linear at low lift
 applications.

Balanced



Includes holes or ports that run
 through the plug and equalize the
 pressure that register on the top and
 bottom of the plug.

Unbalanced



Pressure unbalance across the valve
 plug resulting in an upward stem
 force that must be overcome by the
 actuator.

AVAILABLE TRIM OPTIONS



Linear
 Characteristic



Equal Percentage
 Characteristic



Quick Opening
 Characteristic



Balanced



Unbalanced



Whisper Trim



Cavitrol Trim







Angled Option
 Available






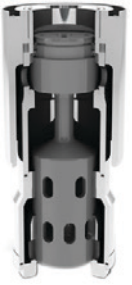
Visit Fisher.com or click on a product for more information.

Severe Service Globe Valve Product Guide









Severe Service + Heavy Duty

NotchFlo DST	CAV4	FB	461	ODV
 <p>SST, Carbon Steel, Alloy NPS 1-8 CL300-CL2500 Class V</p> 	 <p>SST, Carbon Steel, Alloy NPS 2-6 CL2500 Class IV, V, VI</p> 	 <p>SST, Carbon Steel NPS 8X12-42X48 CL150-CL600 Class II, III, IV, V</p> 	 <p>SST, Carbon Steel, Alloy NPS 2X3-6X8 CL150-CL2500 Class IV, V</p> 	 <p>Optimized Antisurge Applications</p> 

Severe Service Trim Options

Whisper Technology	Cavitation Technology	Dirty Service Trim
 <p>Aerodynamic noise abatement in vapor, gas, or steam applications Whisper I, Whisper III, WhisperFlo</p> 	 <p>Clean, cavitating services with pressure drops up to 207 bar (3000psi) Cavitrol III, IV</p> 	 <p>Retrofittable dirty, cavitating services Carbon steel, SST NPS 1 to 24X20 Class V</p> 

Cryogenic

ET-C	EZ-C	HPT-C	HPS-C
 <p>SST NPS 3 to 8, DN80 to 200 CL150 to CL600 PN 10 to 100 Class IV (Class V optional) Temperature limit: -198 °C (-325 °F)</p> 	 <p>SST NPS 1 to 4 DN 25 to 100 CL150 to CL600 PN 10 to 100 Class IV (Class VI optional) Temperature limit: -198 °C (-325 °F)</p> 	 <p>SST NPS 4 to 12, DN100 to 150 CL900, CL1500 PN 160 to 250 Class IV, V Temperature limit: -198 °C (-325 °F)</p> 	 <p>SST NPS 1 to 3 DN 25 to 80 CL900, -2500 PN 160 to 250 Class IV, V Temperature limit: -198 °C (-325 °F)</p> 

AVAILABLE TRIM OPTIONS



Linear
Characteristic



Equal Percentage
Characteristic



Quick Opening
Characteristic



Balanced



Unbalanced



Whisper Trim



Cavitrol Trim



Angled Option
Available

Visit Fisher.com or click on a product for more information.