

Cylinder Valves

1700 Series Heavy Duty Cylinder Valves

Heavy duty compact line of 316 stainless steel and Monel® forged body globe pattern valves features an integral bonnet suitable for ¼" and ⅜" NPT ended cylinders.



1711L4Y

Features

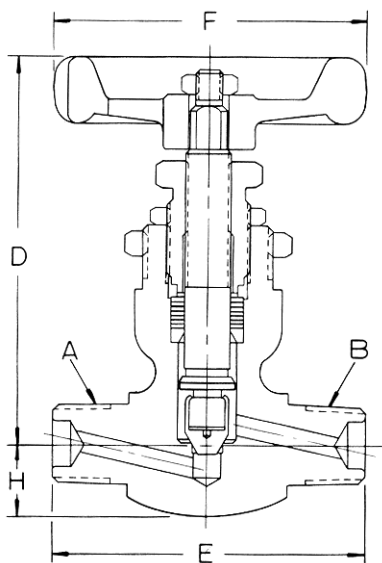
- Dyna-Pak packing provides a leak-tight seal with low operating torque
- Packing below stem threads prevents fluid from contacting threads
- Non-rotating hardened 17-4PH stainless steel or replaceable PCTFE stem tip prevents galling and extends valve life
- Hardened 450 stainless steel or Monel® combination packing nut and thread gland for long stem thread cycle life
- Lock-nut secures packing nut, preventing accidental removal
- Flat wrench pads on body for easy valve installation
- Integral stem backstop for added safety

Technical Data

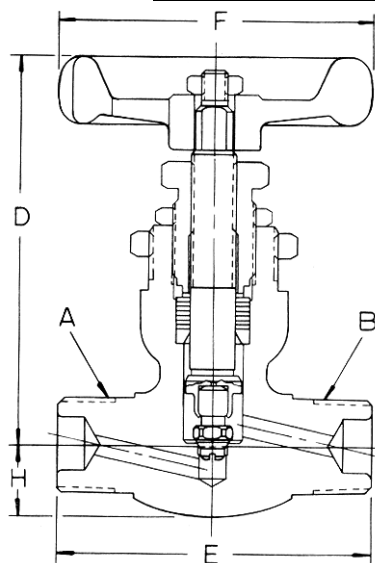
MAXIMUM OPERATING PRESSURE	6000 psig [414 barg]
TEMPERATURE RANGE	–65° F to +450° F [–54° C to +232° C] (metal stem tip) –20° F to +250° F [–29° C to +121° C] (PCTFE stem tip)
ORIFICE SIZE	0.187
Cv FACTOR	0.45

Materials of Constructions

DESCRIPTION		316SS Valves	Monel® Valves
BODY		316SS	Monel®
STEM		316SS	Monel®
STEM TIP	SOFT	PCTFE	PCTFE
	HARD	17-4 PHSS	Monel®
DYNA-PAK PACKING		TFE/316SS Wafers	TFE/Monel® Wafers
HANDLE		Aluminum	Aluminum



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FOR YOUR SAFETY

IT IS SOLELY THE RESPONSIBILITY OF THE SYSTEM DESIGNER AND USER TO SELECT PRODUCTS SUITABLE FOR THEIR SPECIFIC APPLICATION REQUIREMENTS AND TO ENSURE PROPER INSTALLATION, OPERATION AND MAINTENANCE OF THESE PRODUCTS. MATERIAL COMPATIBILITY, PRODUCT RATINGS AND APPLICATION DETAILS SHOULD BE CONSIDERED IN THE SELECTION. IMPROPER SELECTION OR USE OF PRODUCTS DESCRIBED HEREIN CAN CAUSE PERSONAL INJURY OR PROPERTY DAMAGE.

Dimensions & How to Order 1700 Series Globe Pattern Valves

BASIC MATERIAL	STEM TIP	END CONNECTIONS		ORDERING NUMBER	DIMENSIONS inch (mm)			
		INLET A	OUTLET B		D	E	F	H
316 SS	Metal	¼ NPT Male	¼ NPT Male	1711M4Y	3 (76)	2⅜ (56)	2⅞ (54)	⅞ (12)
	Metal	¼ NPT Male	¼ NPT Female	1711L4Y	3 (76)	2⅞ (54)	2⅞ (54)	⅞ (12)
	PCTFE	⅜ NPT Male	⅜ NPT Male	1751M6Y	3 (76)	2⅜ (56)	1⅞ (48)	⅞ (12)
Monel®	Metal	¼ NPT Male	¼ NPT Male	1711M4M	3 (76)	2⅜ (56)	2⅞ (54)	⅞ (12)
	PCTFE	¼ NPT Male	¼ NPT Male	1751M4M	3 (76)	2⅜ (56)	2⅜ (56)	⅞ (12)

Dimensions are for reference only and are subject to change