# **High Pressure Valve**

## Series 4140

#### **Features**

- Original Shear-Seal® technology
- ► All stainless steel construction
- SAE porting standard
- NPT porting available
- Pressures to 15,000 psi
- Low pressure drop
- Low handle load

#### **Applications**

- Offshore drilling equipment
- Refineries and chemical processing plants
- Gas compression systems
- Marine umbilical reels

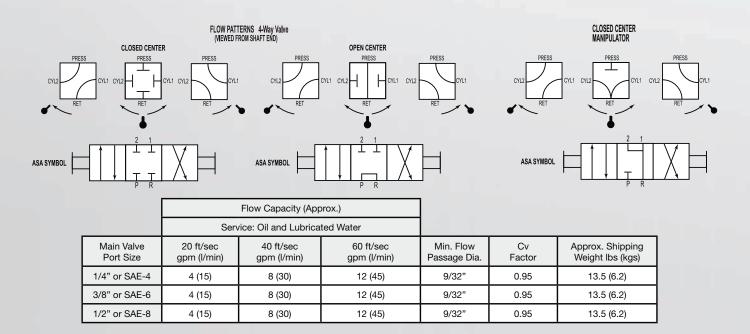


#### **General Specifications\***

Working Pressure:	10,000 psi (700 bar) standard 15,000 psi option with appropriate port size and port type
Flow Capacity, Cv:	See table
Back Pressure:	Must not exceed 250 psi (17.2 bar) at return port for satisfactory operation
Pressure Drop:	14 psi (0.96 bar) at 20 ft/s
Proof Pressure:	1-1/2 times working pressure except at return port
Burst Pressure:	2-1/2 times working pressure except at return port (3,000 psi [206 bar]) maximum

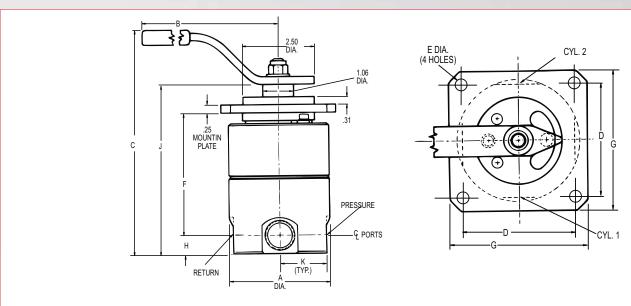
	return port (3,000 psi [200 bar]) maximum	
* See product configurator for add	ditional options and Supplemental Guide for more detailed information.	

Media Temperature Range:	-40° to +250°F (-40° to +121°C)
Rotor:	400 series stainless steel
Pressure Seals:	Stainless steel
Shaft:	Stainless steel
All External	300 series stainless steel
Components:	
Standard O-ring:	Buna N
Back-up Rings:	Teflon <sup>®</sup>





### **Technical Drawings**



Port	А	В	С	D	Е	F	G	Н	J	K
Size	Dia.				Dia.					
1/4" or SAE-4	3.50 (89)	7.00 (178)	7.69 (195)	3.25 (83)	0.28 (7)	4.22 (107)	4.00 (102)	0.63 (16)	5.81(148)	1.63 (41)
3/8" or SAE-6	3.50 (89)	7.00 (178)	7.69 (195)	3.25 (83)	0.28 (7)	4.22 (107)	4.00 (102)	0.63 (16)	5.81(148)	1.63 (41)
1/2" or SAE-8	3.50 (89)	7.00 (178)	7.69 (195)	3.25 (83)	0.28 (7)	4.22 (107)	4.00 (102)	0.63 (16)	5.81(148)	1.63 (41)

