

IMI PBM INDUSTRIAL PSV SWITCHING VALVE

3-Way Multi-Port, CL150 & CL300, 1/2" - 6"



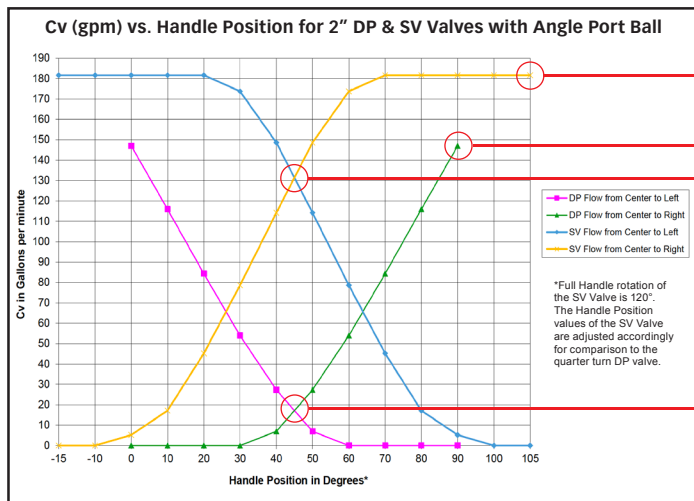
DESIGN FEATURES:

- 3-Way Multi-Port Switching Valve
- Adjust-O-Seal® Design - Ball is captured mechanically and seals bi-directionally on both PSV ports
- Full Port or IMI PBM True-Bore® design
- 120° porting for fast, 120° operation - minimizes PSV system interruption
- Low pressure drop at full flow
 - < 3% - no need to upsize piping to accommodate a 90° diverter valve pressure drop
- Live loaded packing
- Flexible design configuration
 - Can be used with any material, end connection, bleed valve/connection
 - Cryogenic designs available
 - Custom configurations to fit existing piping
- Quality - Manifold assembly manufactured complete in controlled factory environment
- Reduced installation times - "Plug & Play"



SPECIFICATIONS	DIVERTER VALVES
Sizes	1/2" - 6" Series 5
Material	316/316L, Alloy 20, Carbon Steel, Hastelloy, Inconel, others available
Temperatures	-325°F to 400°F for V-TEF™ seats, higher temp. seat/seal materials available
End Connections	Flanged, NPT, Butt weld, Socket weld
Seats, Seals and Stem Packings	C-TEF™, S-TEF®, V-TEF™, others available (API 622 Low Emissions Packing available)
Body Bolts & Nuts	18-8 Stainless Steel, others available
Maximum Working Pressure	Up to 275 psig CWP for CL150, 725 psig CWP for CL300

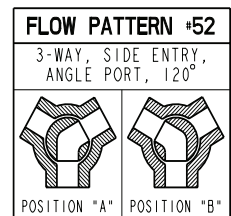
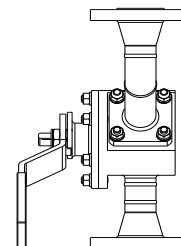
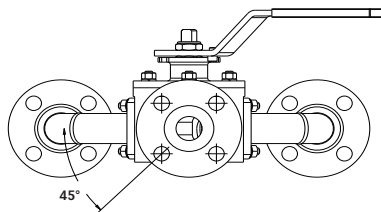
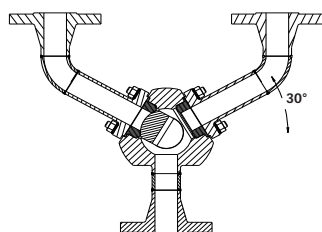
Cv Values (gpm)				
PSV Switching Valve	Size	Pressure Class	Cv	Bleed Valves (2 ea. installed)
MPH-E5L-G52F04--V400	1"	150	38.0	N/A
MPH-E5M-G52-04--V315	1"	300	36.6	1/2"
MPH-G5L-G52F04--V400	1-1/2"	150	99.6	N/A
MPH-GM-G52-04--V315	1-1/2"	300	90.9	1/2"
MPH-H5L-G52F04--V400	2"	150	181.7	N/A
MPH-H5M-G52-04--V315	2"	300	154.2	1/2"
MPH-K5L-G5204--V402	3"	150	416.8	N/A
MPH-K5M-G52-04--V315	3"	300	353.2	1/2"
MPH-L5L-G52F04--V402	4"	150	704.3	N/A
MPH-L5M-G52-04--V315	4"	300	696.6	1/2"
MPH-M5L-G52F08--V402	6"	150	1769.3	N/A



THE IMI PBM ADVANTAGE

MAX CV Standard DP = 145
IMI PBM SV = 180

MIDSTROKE CV Standard DP = 17
IMI PBM SV = 130



www.PBMValve.com

PBM, Inc. • 1070 Sandy Hill Road, Irwin, PA 15642

Phone: 800.967.4PBM • 724.863.0550

E-mail: info.pbmvalve@imi-critical.com



© Copyright 2021 PBM, Inc. PB-SV