

Angle Seat Pneumatically Operated Valve Model YCP - 1/2"-2" Two Way Normally Closed



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Pneumatic Valve - 2/2 - Normally Closed

Benefits & Features

- 0-16bar. Pilot pressure 3.5-7bar (max.)
- High flow angle seat design, suitable for more than 10 million cycles
- Corrosion resistant 316 stainless steel
- Steam, air water, chemical, gases, oil, diesel, hot water
- BSP/NPT ports. Optional Tri-clamp ends
- Visual position indicator
- Water hammer reduction available

Specification

Configuration	Angle seat piston
Port Sizes	½"-2" BSP/NPT or hygienic tri-clamp
Orifice	see table below
Kv	see table below
Body	304 or 316 stainless steel
Media	Steam, air water, chemical, gases, oil, diesel, hot water. Subject to material compatibility
Pressure ranges	0-16bar
Seals	PTFE (-10°C to +180°C), VITON, EPDM



Technical Data - Steam and hot fluids

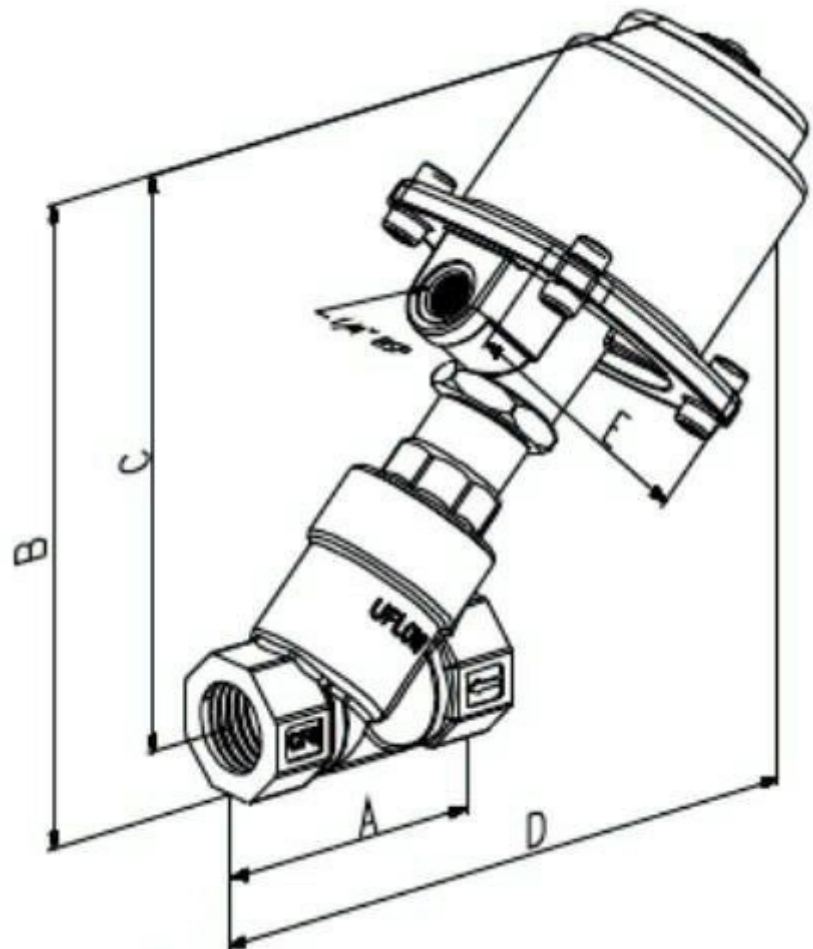
Model	Body Material	Port	Orifice MM	Min.	Max. Operating Pressures Bar		Kv m3/Hr
					AC	DC	
YCP25	CF8/CF8M	½"	15	1.5	12	12	2.3
YCP35	CF8/CF8M	¾"	18	1.5	12	12	4
YCP45	CF8/CF8M	1"	23	1.5	12	12	6
YCP55	CF8/CF8M	1 ½"	34.5	1.5	12	12	13
YCP65	CF8/CF8M	1 ½"	34.5	1.5	12	12	13
YCP83	CF8/CF8M	2"	45	1.5	12	12	13.6



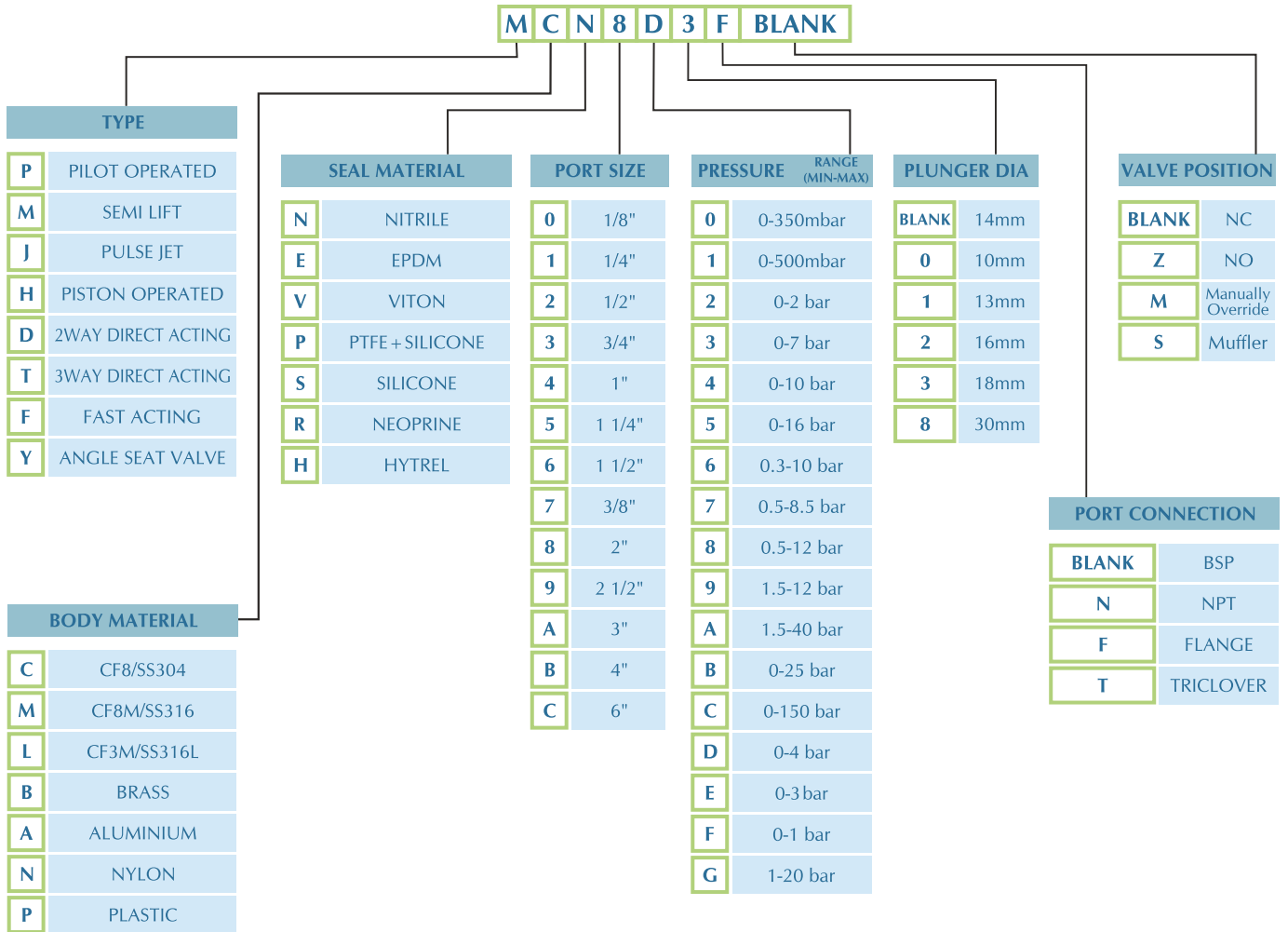
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Dimensions

Model	Port Size	Dimensions mm				
		A	B	C	D	E
YCP25	½"	64.5	171	158	178	90
YCP35	¾"	76.5	178	160	180	90
YCP45	1"	89.5	186	164	189	90
YCP55	1 ¼"	124	210	182	218	90
YCP65	1 ½"	124	210	182	218	90
YCP83	2"	150	227	191	236	90



Part Number Identification Chart



MCN8D3F
2" UMD Diaphragm Solenoid Valve With Flange (0-4Kg) (18mm)