

# 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**

				Min.	Max. Operating Pressures Bar		Kv m3/Hr
Model	Body Material	Port	Orifice MM		AC	DC	III3/FII
YCP25	CF8/CF8M	1/2"	15	1.5	12	12	2.3
YCP35	CF8/CF8M	3/4"	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



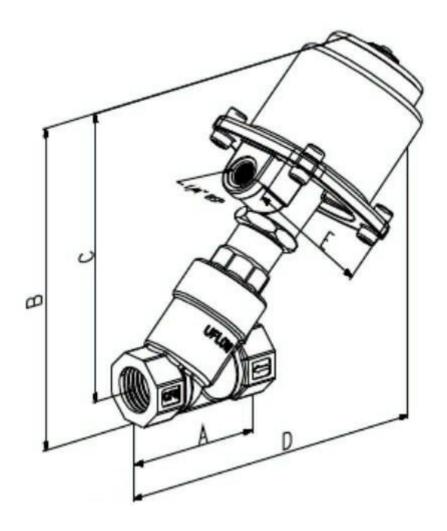




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### **Dimensions**

Model	Port Size	Dimensions mm						
		Α	В	С	D	Е		
YCP25	1/2"	64.5	171	158	178	90		
YCP35	3/4"	76.5	178	160	180	90		
YCP45	1"	89.5	186	164	189	90		
YCP55	1 1⁄4"	124	210	182	218	90		
YCP65	1 ½"	124	210	182	218	90		
YCP83	2"	150	227	191	236	90		





**PLASTIC** 

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## **Uflow Automation**

#### **Part Number Identification Chart** M C N 8 D 3 F **BLANK TYPE** PILOT OPERATED **SEAL MATERIAL** PRESSURE RANGE PLUNGER DIA VALVE POSITION PORT SIZE P M SEMI LIFT NITRILE 0 1/8" BLANK 14mm **BLANK** NC Ν 0 0-350mbar J **PULSE JET** E **EPDM** 1 1/4" 1 0-500mbar 0 10mm 7 NO Manually Override н PISTON OPERATED VITON 2 1/2" V 2 0-2 bar 13mm M 1 D **2WAY DIRECT ACTING** P PTFE+SILICONE 3 3/4" 3 0-7 bar 2 16mm Muffler T 3WAY DIRECT ACTING S **SILICONE** 4 1" 4 0-10 bar 18mm F **FAST ACTING** R **NEOPRINE** 5 1 1/4" 5 0-16 bar 8 30mm Υ ANGLE SEAT VALVE Н **HYTREL** 6 1 1/2" 6 0.3-10 bar 7 7 3/8" 0.5-8.5 bar PORT CONNECTION 8 2" 8 0.5-12 bar **BLANK BSP** 9 2 1/2" 9 1.5-12 bar NPT N **BODY MATERIAL** Α 3" Α 1.5-40 bar FLANGE F C CF8/SS304 В 4" В 0-25 bar TRICLOVER Т C C M CF8M/SS316 0-150 bar D L CF3M/SS316L 0-4 bar В **BRASS** E 0-3 bar ALUMINIUM Α F 0-1 bar Ν NYLON G 1-20 bar

#### MCN8D3F

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