

DESCRIPTION

2 way proportional angle seat valve pneumatically operated

PRESENTATION

- High flow rate due to the angle seat configuration
- Anti-water hammer feature with the fluid entry below the seat
- Stainless steel and corrosion resistance body
- Orientable pneumatic actuator
- Self adjusting internal seal
- Optical position indicator
- Back pressure resistance capability
- Maintenance free sealing pack
- Accurate flow control
- Universal mounting position

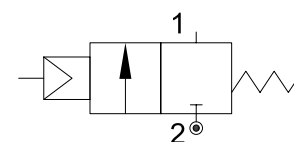


USE: Automation, heating, water, hot water, steam (356°F), aggressive and food fluid

CONNECTION: from 1/2 to 2 GAS o NPT

VALVE FEATURES

Fluid temperature	14°F +356°F
Ambient temperature	14°F +140°F
Fluid viscosity	max 600 cSt
Body material	Stainless steel AISI 316
Seal	PTFE
Packing gland	PTFE/FPM



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PILOT ACTUATOR FEATURES

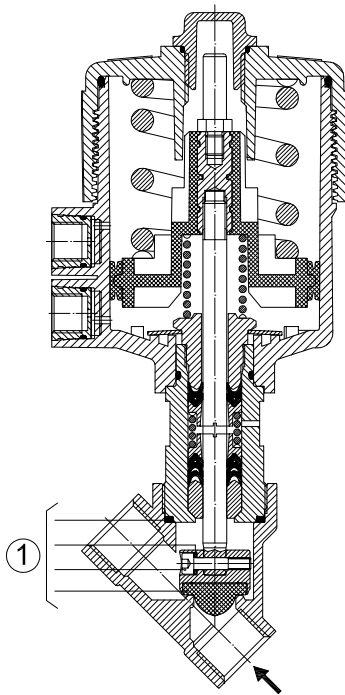
Fluid	Dry or lubricated air, gases and neutral fluids
Fluid temperature	max +140°F
Body material	Polyamide 66 with 30% glass fibre
Gaskets	NBR
Actuator	Ø2.76in (Ø70mm)

CODE ①	Port Size	Orifice Size		Flow Factor Cv (gpm)	Actuator pilot pressure				Operating Pressure Differential (M.O.P.D.)				Max allowable pressure PS		Weight	
		(in)	(mm)		Min		Max		Min		Max				(lb)	(Kg)
P172D...W15/V	1/2	0.59	15	18.5	0	0	145	10	0	0	232	16	580	40	3.1	1.4
P172E...W20/V	3/4	0.78	20	34							145	10			3.3	1.5
P172F...W25/V	1	1	25	39							145	10			4	1.8

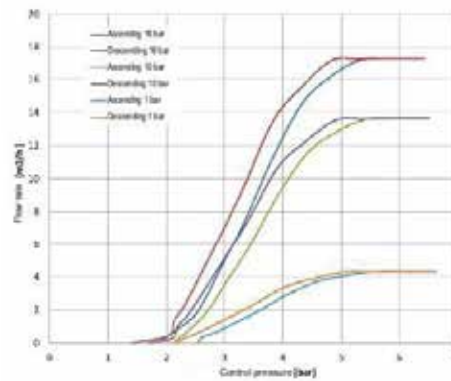
① G= GAS (ISO228)
N= NPT (ANSI/ASME B1.20.1)

Ordination example: P172ENW20/V connection 3/4" NPT

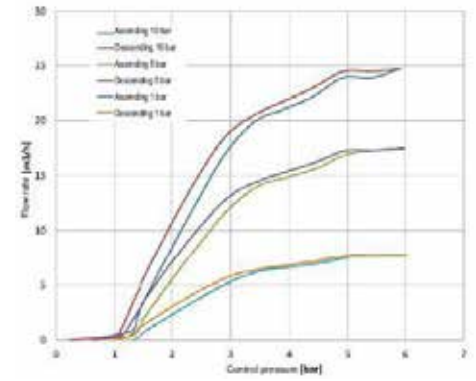
Flow factor - Fluid +20°C



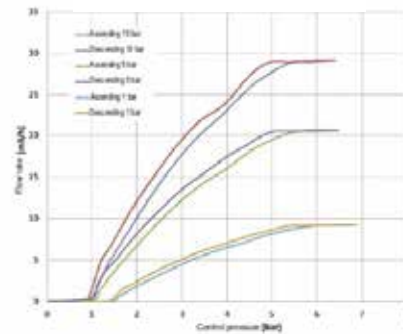
DN15



DN20



DN25



MAINTENANCE KIT

- | | | |
|----|-----|---------|
| 1. | 1/2 | R500078 |
| | 3/4 | R500081 |
| | 1 | R500084 |

OVERALL DIMENSION

CONNECTION GAS or NPT	A		B		C		D		H		L		T	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
1/2	8.14	206.8	SW 1-1/16	SW 27	7	178.7	0.61	15.4	6.43	163.3	2.56	65	0.67	17
3/4	8.33	211.7	SW 1-1/4	SW 32	7.4	188.6	0.86	21.9	6.56	166.7	2.97	75.5	0.75	19
1	8.66	220.1	SW 1-5/8	SW 41	7.8	197.8	0.99	25.1	6.8	172.7	3.54	90	0.83	21

