

STAINLESS STEEL ANGLE-SEAT VALVE TYPE 2000

0 ÷ 16 bar - 1/2" ÷ 2 1/2" Threads - Fluid Temperature up to 180 °C

Externally piloted angle-seat valve. With self adjusting packing Glands, intermediate relief and wiper. The angle-seat construction of the body makes possible extremely high flow rates, particularly in comparison to conventional globe valves.

Technical Data

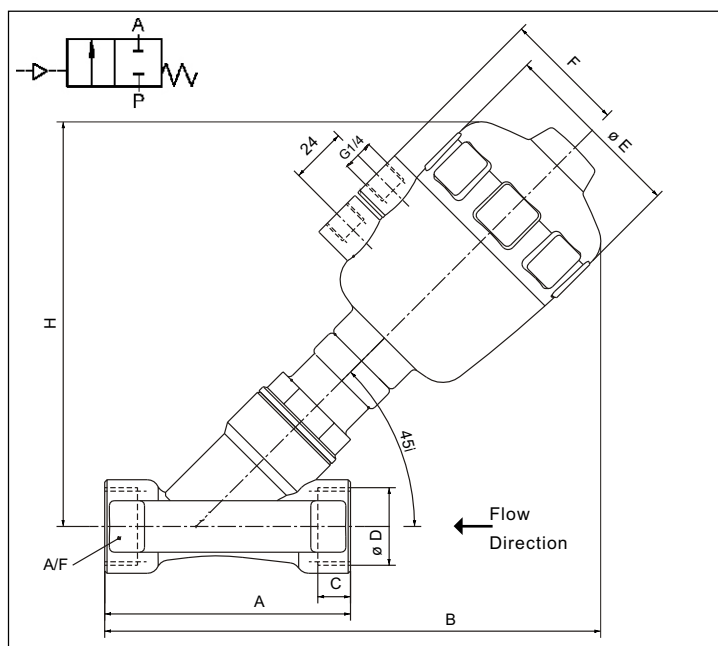
Pressure range	0-16 bar, max.
Media temperature	-10 °C ... +180 °C
Ambient temperature	-10 °C ... +60 °C
Body materials	Gunmetal, Stainless Steel
Threaded connection	ISO 228
Gasket	PTFE
Actuator casing	Poliammide
Control medium	Neutral gases, Air

Options

- Control function: Normally Open
- Double-acting actuator Without spring return
- Weld-end connection
- Electrical position feedback
- Independently adjustable Stroke limitation: For high and low flow
- Manual override
- NAMUR adapter for Pilot valve

Pilot valves

Direct and quick mounting, With banjo and NAMUR valves. Please order separately (See Data Sheet)



Threads	DN	Actuator Size [Ømm]	A	B	C	E	F	H	A/F
G 1/2	13	50	85	173	12	64	44	137	27
G 3/4	20	50	95	178	12	64	44	145	32
G 1	25	63	105	212	14	80	52	173	41
G 1 1/4	32	63	120	226	16	80	52	186	50
G 1 1/2	40	63	130	230	18	80	52	189	55
G 2	50	63	150	250	20	80	52	205	70
G 2	50	80	150	270	20	101	60	225	70

SPECIFICATIONS

Thread	Orifice	Kv value	Max operating pressure ¹⁾	Required min control	Actuator size	Flow direction	Control function
[Inch]	[mm]	[m³/h]	[bar]	[bar]	[Ømm]		
G 1/2	13.0	4.2	0-16	2.7	50	above seat	
G 3/4	20.0	8.0	0-16	2.7	50	above seat	
G 1	25.0	19.0	0-16	2.0	63	above seat	
G 1 1/4	32.0	27.5	0-16	2.0	63	above seat	
G 1 1/2	40.0	42.0	0-16	2.0	63	above seat	
G 2	50.0	52.0	0-16	2.0	63	above seat	
G 2 1/2	50.0	55.0	0-16	1.6	80	above seat	

¹⁾ Max. Operating pressure with steam 10 bar > 180 °C

ORDERING CODE

Code		Valve body materials	
		Gunmetal	St. Steel
001 252 B	001 421 M		
001 253 C	001 422 N		
001 248 P	001 137 Q		
001 249 Q	001 399 F		
001 250 M	001 400 D		
001 251 A	001 401 S		
001 398 E	001 402 T		

- ✓ 50% more economical than ball valves
- ✓ Self-adjusting double packing glands
- ✓ Maintenance free actuator with long Life piston ring, high reliability