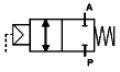


2/2 WAY PISTON VALVE G 1/2" ÷ 2"; AISI 316L HIGH TEMPERATURE VERSION



**normally closed
flow over/under seat**

TYPE: BD

TECHNICAL SPECIFICATIONS

- Media: water, oil, air, aggressive media and steam ⁽¹⁾
- Media temperature: -10°C ... +200°C
- Ambient temperature: -10°C ... +60°C
- Pilot media: air, inert gases
- Body material: cast AISI 316L (see page 36)
- Bonnet material: cast AISI 316L (see page 36)
- Actuator body material: Polyamide PA66 (reinforced fiberglass 30%)
- Seal material: PTFE type TFM 1600
- Position indicator as standard
- Valves DN32÷DN50 complying with 97/23/EC Directive Category I

BENEFITS

- Actuator housing rotation 360°
- Waterhammer-free design (with flow direction 2i 1)

OPTIONS

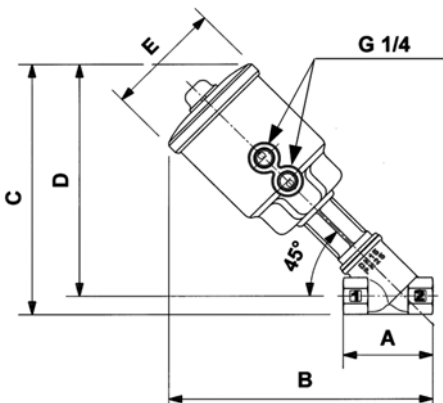
- Manual override (Ex. code BPG205STWMH) see page 24
- Stroke regulator (Ex. code BPG210LTJRH) see page 24
- Travel switch (Ex. code BPG208LTZIH) see page 24
- NPT connection (Ex. code BPN205STW0H)
- Optional connections see pages: weld p. 17, flange p.18, clamp p.19-21



SELECTION TABLE	VALVES		connection	DN orifice	Flow rate Kvs	Working pressure ⁽¹⁾		Flow direction	Pilot pressure ⁽²⁾		Actuator ø
	Code		(ISO 228 G)	(mm)	(l/min)	min (bar)	max (bar)		min (bar)	max (bar)	(mm)
	BPG205STW0H	1/2"	15	87	0	16 ⁽¹⁾	1i 2 / 2i 1	5.5 / 3.8	10	63	
BPG206STX0H	3/4"	20	164	0	16 ⁽¹⁾	1i 2 / 2i 1	6 / 3.8	10	63		
BPG207STY0H	1"	25	260	0	16 ⁽¹⁾ /11	1i 2 / 2i 1	6.5 / 3.8	10	63		
BPG208STZ0H	1 1/4"	32	410	0	16 ⁽¹⁾ /12	1i 2 / 2i 1	5 / 3.3	8	90		
BPG209STK0H	1 1/2"	40	700	0	16 ⁽¹⁾ /8	1i 2 / 2i 1	6 / 3.3	8	90		
BPG210STJ0H	2"	50	950	0	16 ⁽¹⁾ /6	1i 2 / 2i 1	8 / 3.3	8	90		

(1) Steam: Max. working pressure 14.5 barg

(2) Minimum pilot pressure at max. working pressure; for lower working pressure see selection charts;



DIMENSIONS & WEIGHTS

Connection	Actuator ø	A	B	C	D	E	weight
(ISO 228 G)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
1/2"	63	65	192	184	171	85	1.2
3/4"	63	75	198	192	176	85	1.3
1"	63	90	212	205	185	85	1.5
1 1/4"	90	110	234	227	202	112	2.4
1 1/2"	90	120	239	235	207	112	2.6
2"	90	150	257	250	216	112	3.3