

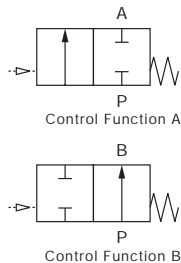
# 2/2-Way Globe Valve, Pneumatically Operated Cast Stainless Steel Body with Weld Ends

**PRELIMINARY**  
**Index 14**  
**17.04.2001**



2012

DN 10 – 50



Picture showing a complete Burkert System using Type 2012 with 6012 Banjo

The externally piloted globe valve consists of a pneumatically operated piston actuator and a 2/2-way valve body. The actuator is made of PA or for special operating conditions PPS. The proven self-adjusting packing gland assures high leak-tightness. The valve body, with its favourable flow characteristics, enables high flow rates to be obtained.

## Process Specification

Materials	Cast Stainless Steel 316 L (conform to 1.4409)
Body	PA or PPS
Actuator	PTFE (NBR, FPM and EPDM on request)
Sealing	• For neutral gases, water, alcohols, oils, fuels, hydraulic liquids, salt solutions, lyes, organic solvents, steam (10bar/+180°C)
Process media (for gases and liquids)	• Below seat only gases & steam Max. 600 mm <sup>2</sup> /s
Viscosity	PTFE V-rings (silicone grease) with spring compensation
Packing gland	As required, but preferably with Actuator upright
Installation	PN 25 (body)
Nominal pressure	
Temperatures	
Fluid	-10°C... +180°C (PTFE seal <sup>1)</sup> )
Ambient (depending on actuator)	-10°C... +60°C <sup>1)</sup> (PA) +5°C... +140°C (PPS <100) +5°C... +90°C (PPS ≥100) (short +140°C)
Control media	Neutral gases, air
Max. pilot pressure	
≤ Actuator size 80	10 bar (PA and PPS)
Actuator size 100	10 bar (PA)
Actuator size 100	7 bar (PPS)
Actuator size 125	7 bar (PA and PPS)
Port connections	
Weld End	ISO • ISO 4200 DIN • DIN 11850 series 2 OD • BS 4825 part 1 ASME • ASME BPE JIS • JIS 3459 or 3447 (on request)

1) In combination with max. ambient temperature of +55°C, the max. fluid temperature is +110°C for PA actuators sizes 40, 50 and 63.  
2) Circuit function B below seat and circuit function A above seat, please see charts on page 2.

- ✓ High operating safety
- ✓ Maintenance-free actuator with long-life piston ring
- ✓ Easy to install
- ✓ Low life cycle costs
- ✓ Comprehensive range of modular accessories

ON/OFF Globe valve

2012

## Applications: Food & Beverage

- CIP / SIP; Steam
- Auxiliary Processes

## Water Treatment

- Air Control
- Chemical Dosing

## Cosmetics

- CIP / SIP; Steam

## Textile

- Steam; Water; Air; Dyeing

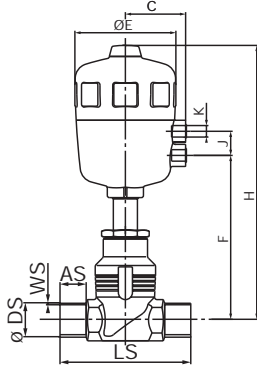


Orifice DN	NPS	Act. size	Kv-value water		Min. pilot pressure <sup>2)</sup> [bar]	Max. operating pressure <sup>3)</sup> ≤ 180°C		Weight (ISO/DIN) [kg]
			4	5		CF A	CF B	
[mm]	[inch]	[mm]	[m <sup>3</sup> /h]	[m <sup>3</sup> /h]	[bar]	[bar]	[bar]	
10	-	C-40	4.7	-	4.0	15.0	16.0	0.8
10	-	D-50	4.7	-	3.9	16.0	16.0	0.9
15	1/2"	C-40	4.7	4.7	4.0	15.0	16.0	0.8
15	1/2"	D-50	4.7	4.7	3.9	16.0	16.0	0.9
20	-	C-40	8.1	-	4.0	6.5	16.0	0.9
20	3/4"	D-50	8.1	8.1	3.9	11.0	16.0	1.1
20	3/4"	E-63	8.1	8.1	4.2	16.0	-	1.5
25	-	D-50	12.0	-	3.9	16.0	-	1.6
25	-	E-63	13.0	-	4.2	11.0	16.0	2.0
25	-	F-80	13.0	-	5.0	16.0	-	2.8
32	1 1/4"	E-63	19.5	19.5	4.2	7.0	16.0	2.9
32	1 1/4"	F-80	19.5	19.5	5.0	16.0	-	3.7
40	1 1/2"	E-63	31.0	31.0	4.2	16.0	-	3.4
40	1 1/2"	F-80	31.0	31.0	5.0	10.0	16.0	4.2
40	1 1/2"	H-125	31.0	31.0	3.2	16.0	-	9.7
50	-	E-63	45.0	-	4.2	16.0	-	3.5
50	-	F-80	45.0	-	5.0	16.0	-	4.3
50	-	G-100	45.0	-	4.4	9.0	16.0	7.7
50	-	H-125	45.0	-	3.2	11.0	-	9.8

3) Steam up to 180°C / 10 bar.  
4) Kv-value water ISO/DIN.  
5) Kv-value water BS/ASME BPE.

# 2/2-Way Globe Valve, Pneumatically Operated Cast Stainless Steel Body with Weld Ends

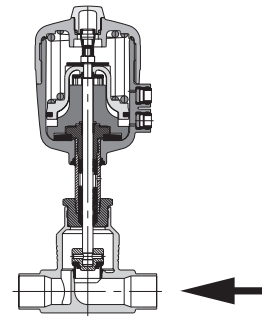
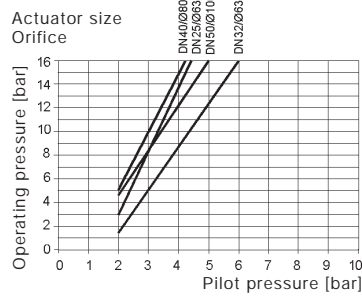
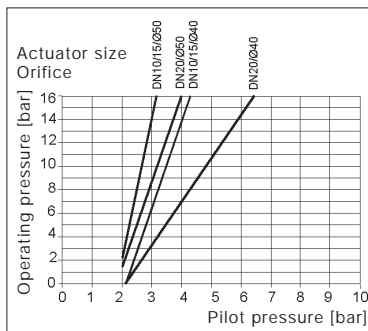
## Dimensions [mm]



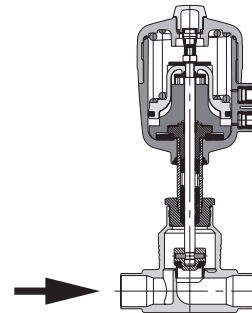
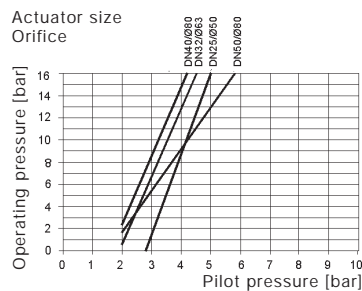
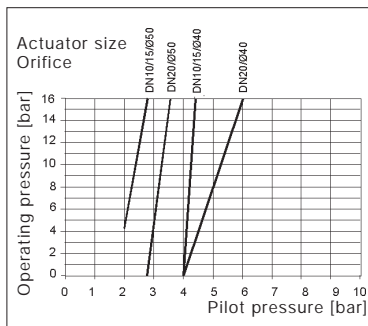
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All Actuators										ISO 4200		DIN 11850 S2		BS 4825		ASME BPE	
Orifice DN	Act. size $\phi$	C	E	F	H	K	J	AS	LS	DS	WS	DS	WS	DS	WS	DS	WS
10	C-40	33	53	116	168	G 1/8	16.5	20	90	17.2	1.6	13.0	1.5	-	-	-	-
10	D-50	44	64	131	211	G 1/4	24.0	20	90	17.2	1.6	13.0	1.5	-	-	-	-
15	C-40	33	53	116	168	G 1/8	16.5	20	90	21.3	1.6	19.0	1.5	12.7	1.2	12.7	1.6
15	D-50	44	64	131	211	G 1/4	24.0	20	90	21.3	1.6	19.0	1.5	12.7	1.2	12.7	1.6
20	C-40	33	53	118	170	G 1/8	16.5	20	100	26.9	1.6	23.0	1.5	19.0	1.2	19.0	1.6
20	D-50	44	64	135	213	G 1/4	24.0	20	100	26.9	1.6	23.0	1.5	19.0	1.2	19.0	1.6
20	E-63	52	80	155	247	G 1/4	24.0	20	100	26.9	1.6	23.0	1.5	19.0	1.2	19.0	1.6
25	D-50	44	64	140	220	G 1/4	24.0	26	130	33.7	2.0	29.0	1.5	25.4	1.6	25.4	1.6
25	E-63	52	80	159	251	G 1/4	24.0	26	130	33.7	2.0	29.0	1.5	25.4	1.6	25.4	1.6
25	F-80	60	101	164	273	G 1/4	24.0	26	130	33.7	2.0	29.0	1.5	25.4	1.6	25.4	1.6
32	E-63	52	80	179	271	G 1/4	24.0	26	140	42.4	2.0	35.0	1.5	-	-	-	-
32	F-80	60	101	184	294	G 1/4	24.0	26	140	42.4	2.0	35.0	1.5	-	-	-	-
40	E-63	52	80	184	276	G 1/4	24.0	26	150	48.3	2.0	41.0	1.5	38.1	1.6	38.1	1.6
40	F-80	60	101	189	299	G 1/4	24.0	26	150	48.3	2.0	41.0	1.5	38.1	1.6	38.1	1.6
40	H-125	86	153	220	397	G 1/4	30.0	26	150	48.3	2.0	41.0	1.5	38.1	1.6	38.1	1.6
50	E-63	52	80	195	287	G 1/4	24.0	26	175	60.3	2.0	53.0	1.5	50.8	1.6	50.8	1.6
50	F-80	60	101	199	309	G 1/4	24.0	26	175	60.3	2.0	53.0	1.5	50.8	1.6	50.8	1.6
50	G-100	73	127	218	370	G 1/4	30.0	26	175	60.3	2.0	53.0	1.5	50.8	1.6	50.8	1.6
50	H-125	86	153	225	402	G 1/4	30.0	26	175	60.3	2.0	53.0	1.5	50.8	1.6	50.8	1.6

## Pressure rating circuit function B, flow direction below seat



## Pressure rating circuit function A, flow direction above seat



# 2/2-Way Globe Valve, Pneumatically Operated Cast Stainless Steel Body with Weld Ends

## Ordering chart

Weld End • ISO 4200				Flow below seat		Flow above seat	
Circuit Function	Orifice DN [mm]	Connection D1 x S [mm]	Actuator size ø [mm]	Item-No.		Item-No.	
				PA-Actuator	PPS-Actuator	PA-Actuator	PPS-Actuator
A	10	17.2 x 1.6	C-40	146 229 H	146 364 G	146 429 S	-
	10	17.2 x 1.6	D-50	146 239 B	146 372 G	146 434 P	146 494 L
	15	21.3 x 1.6	C-40	146 249 M	-	146 439 U	-
	15	21.3 x 1.6	D-50	146 261 H	146 380 D	146 445 S	146 498 Y
	20	26.9 x 1.6	C-40	146 273 D	-	146 450 B	-
	20	26.9 x 1.6	D-50	146 285 S	-	146 456 V	146 502 U
	20	26.9 x 1.6	E-63	146 297 W	146 392 V	-	-
	25	33.7 x 2.0	D-50	-	-	146 462 T	146 506 Y
	25	33.7 x 2.0	E-63	146 301 A	-	-	-
	25	33.7 x 2.0	F-80	146 312 U	146 400 A	-	-
	32	42.4 x 2.0	E-63	146 316 Y	-	146 467 Y	146 510 X
	32	42.4 x 2.0	F-80	146 324 Y	146 408 E	-	-
	40	48.3 x 2.0	E-63	-	-	146 472 V	-
	40	48.3 x 2.0	F-80	146 329 D	-	146 478 B	146 514 P
	40	48.3 x 2.0	H-125	146 341 H	146 416 M	-	-
	50	60.3 x 2.0	E-63	-	-	146 483 R	-
	50	60.3 x 2.0	F-80	-	-	146 489 X	146 518 T
	50	60.3 x 2.0	G-100	146 347 F	-	-	-
	50	60.3 x 2.0	H-125	146 359 K	146 424 M	-	-
	B	10	17.2 x 1.6	C-40	146 234 W	146 368 L	-
10		17.2 x 1.6	D-50	146 244 G	146 376 C	-	-
15		21.3 x 1.6	C-40	146 255 B	-	-	-
15		21.3 x 1.6	D-50	146 267 F	146 384 V	-	-
20		26.9 x 1.6	C-40	146 279 K	-	-	-
20		26.9 x 1.6	D-50	146 291 Y	146 388 H	-	-
25		33.7 x 2.0	E-63	146 307 G	146 396 Z	-	-
32		42.4 x 2.0	E-63	146 320 G	146 404 S	-	-
40		48.3 x 2.0	F-80	146 335 T	146 412 R	-	-
50		60.3 x 2.0	G-100	146 353 D	146 420 V	-	-



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Weld End • DIN 11850 series 2				Flow below seat		Flow above seat	
Circuit Function	Orifice DN [mm]	Connection D1 x S [mm]	Actuator size ø [mm]	Item-No.		Item-No.	
				PA-Actuator	PPS-Actuator	PA-Actuator	PPS-Actuator
A	10	13 x 1.5	C-40	146 230 E	146 365 H	146 430 X	-
	10	13 x 1.5	D-50	146 240 Q	146 373 H	146 435 Q	146 495 M
	15	19 x 1.5	C-40	146 250 J	-	146 440 H	-
	15	19 x 1.5	D-50	146 262 A	146 381 S	146 446 T	146 499 Z
	20	23 x 1.5	C-40	146 274 E	-	146 451 Y	-
	20	23 x 1.5	D-50	146 286 T	-	146 457 W	146 503 V
	20	23 x 1.5	E-63	146 298 F	146 393 W	-	-
	25	29 x 1.5	D-50	-	-	146 463 U	146 507 Z
	25	29 x 1.5	E-63	146 302 B	-	-	-
	25	29 x 1.5	F-80	146 313 V	146 401 X	-	-
	32	35 x 1.5	E-63	146 317 Z	-	146 468 H	146 511 L
	32	35 x 1.5	F-80	146 325 Z	146 409 F	-	-
	40	41 x 1.5	E-63	-	-	146 473 W	-
	40	41 x 1.5	F-80	146 330 A	-	146 479 C	146 515 Q
	40	41 x 1.5	H-125	146 342 A	146 417 N	-	-
	50	53 x 1.5	E-63	-	-	146 484 J	-
	50	53 x 1.5	F-80	-	-	146 490 U	146 519 U
	50	53 x 1.5	G-100	146 348 Q	-	-	-
	50	53 x 1.5	H-125	146 360 Q	146 425 N	-	-
	B	10	13 x 1.5	C-40	146 235 X	146 369 M	-
10		13 x 1.5	D-50	146 245 H	146 377 D	-	-
15		19 x 1.5	C-40	146 256 C	-	-	-
15		19 x 1.5	D-50	146 268 Q	146 385 W	-	-
20		23 x 1.5	C-40	146 280 H	-	-	-
20		23 x 1.5	D-50	146 292 Z	146 389 A	-	-
25		29 x 1.5	E-63	146 308 R	146 397 S	-	-
32		35 x 1.5	E-63	146 321 V	146 405 T	-	-
40		41 x 1.5	F-80	146 336 U	146 413 J	-	-
50		53 x 1.5	G-100	146 354 E	146 421 J	-	-



# 2/2-Way Globe Valve, Pneumatically Operated Cast Stainless Steel Body with Weld Ends

ON/OFF Globe valve

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Weld End • BS 4825 part 1					Flow below seat		Flow above seat		
Circuit Function	Port size (tub.) DN NPS (mm) (inch)	Orifice DN NPS (mm) (inch)	Connection D1 x S (mm)	Actuator size ø (mm)	Max. Operat. pressure <sup>3)</sup> (bar)	Item-No. PA-Actuator	Max. Operat. pressure <sup>3)</sup> (bar)	Item-No. PA-Actuator	
A	15 1/2"	15 1/2"	12.70 x 1.2	C-40	15.0	146 251 F	16.0	146 441 W	
	15 1/2"	15 1/2"	12.70 x 1.2	D-50	16.0	146 263 B	16.0	146 573 S	
	20 3/4"	15 1/2"	19.05 x 1.2	C-40	15.0	146 275 F	16.0	146 452 Z	
	20 3/4"	15 1/2"	19.05 x 1.2	D-50	16.0	146 287 U	16.0	146 458 F	
	20 3/4"	15 1/2"	19.05 x 1.2	E-63	16.0	-	16.0	-	
	25 1"	20 3/4"	25.40 x 1.6	D-50	11.0	-	16.0	146 464 V	
	25 1"	20 3/4"	25.40 x 1.6	E-63	16.0	146 303 C	16.0	-	
	25 1"	20 3/4"	25.40 x 1.6	F-80	16.0	-	16.0	-	
	40 1 1/2"	32 1 1/4"	38.10 x 1.6	E-63	6.0	-	16.0	146 474 X	
	40 1 1/2"	32 1 1/4"	38.10 x 1.6	F-80	15.0	146 343 B	16.0	-	
	40 1 1/2"	32 1 1/4"	38.10 x 1.6	H-125	-	-	-	-	
	50 2"	40 1 1/2"	50.80 x 1.6	E-63	4.0	-	16.0	146 485 K	
	50 2"	40 1 1/2"	50.80 x 1.6	F-80	10.0	-	16.0	146 491 R	
	50 2"	40 1 1/2"	50.80 x 1.6	G-100	12.5	-	16.0	-	
	50 2"	40 1 1/2"	50.80 x 1.6	H-125	16.0	146 361 D	16.0	-	
	B	15 1/2"	15 1/2"	12.70 x 1.2	C-40	16.0	146 257 D	-	-
		15 1/2"	15 1/2"	12.70 x 1.2	D-50	16.0	146 269 R	-	-
		20 3/4"	15 1/2"	19.05 x 1.2	C-40	16.0	146 281 W	-	-
20 3/4"		15 1/2"	19.05 x 1.2	D-50	16.0	146 293 S	-	-	
20 3/4"		15 1/2"	19.05 x 1.2	E-63	16.0	-	-	-	
25 1"		20 3/4"	25.40 x 1.6	D-50	16.0	-	-	-	
25 1"		20 3/4"	25.40 x 1.6	E-63	16.0	146 309 J	-	-	
25 1"		20 3/4"	25.40 x 1.6	F-80	16.0	-	-	-	
40 1 1/2"		32 1 1/4"	38.10 x 1.6	E-63	16.0	146 337 V	-	-	
40 1 1/2"		32 1 1/4"	38.10 x 1.6	F-80	16.0	-	-	-	
40 1 1/2"		32 1 1/4"	38.10 x 1.6	H-125	-	-	-	-	
50 2"		40 1 1/2"	50.80 x 1.6	E-63	16.0	-	-	-	
50 2"		40 1 1/2"	50.80 x 1.6	F-80	16.0	146 355 F	-	-	
50 2"		40 1 1/2"	50.80 x 1.6	G-100	16.0	-	-	-	
50 2"		40 1 1/2"	50.80 x 1.6	H-125	16.0	-	-	-	

3) Steam up to 180°C / 10 bar.



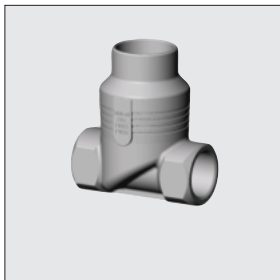
Weld End • ASME BPE (1" up to 2" same as BS 4825)					Flow below seat		Flow above seat		
Circuit Function	Port size (tub.) DN NPS (mm) (inch)	Orifice DN NPS (mm) (inch)	Connection D1 x S (mm)	Actuator size ø (mm)	Max. Operat. pressure <sup>3)</sup> (bar)	Item-No. PA-Actuator	Max. Operat. pressure <sup>3)</sup> (bar)	Item-No. PA-Actuator	
A	15 1/2"	15 1/2"	12.70 x 1.65	C-40	15.0	151 831 J	16.0	151 839 S	
	15 1/2"	15 1/2"	12.70 x 1.65	D-50	16.0	151 832 K	16.0	151 840 F	
	20 3/4"	15 1/2"	19.05 x 1.65	C-40	15.0	151 833 L	16.0	151 851 W	
	20 3/4"	15 1/2"	19.05 x 1.65	D-50	16.0	151 834 M	16.0	151 852 X	
	20 3/4"	15 1/2"	19.05 x 1.65	E-63	16.0	-	16.0	-	
	25 1"	20 3/4"	25.40 x 1.60	D-50	11.0	-	16.0	146 464 V	
	25 1"	20 3/4"	25.40 x 1.60	E-63	16.0	146 303 C	16.0	-	
	25 1"	20 3/4"	25.40 x 1.60	F-80	16.0	-	16.0	-	
	40 1 1/2"	32 1 1/4"	38.10 x 1.60	E-63	6.0	-	16.0	146 474 X	
	40 1 1/2"	32 1 1/4"	38.10 x 1.60	F-80	15.0	146 343 B	16.0	-	
	40 1 1/2"	32 1 1/4"	38.10 x 1.60	H-125	-	-	-	-	
	50 2"	40 1 1/2"	50.80 x 1.60	E-63	4.0	-	16.0	146 485 K	
	50 2"	40 1 1/2"	50.80 x 1.60	F-80	10.0	-	16.0	146 491 R	
	50 2"	40 1 1/2"	50.80 x 1.60	G-100	12.5	-	16.0	-	
	50 2"	40 1 1/2"	50.80 x 1.60	H-125	16.0	146 361 D	16.0	-	
	B	15 1/2"	15 1/2"	12.70 x 1.65	C-40	16.0	151 835 N	-	-
		15 1/2"	15 1/2"	12.70 x 1.65	D-50	16.0	151 836 P	-	-
		20 3/4"	15 1/2"	19.05 x 1.65	C-40	16.0	151 837 Q	-	-
20 3/4"		15 1/2"	19.05 x 1.65	D-50	16.0	151 838 Z	-	-	
20 3/4"		15 1/2"	19.05 x 1.65	E-63	16.0	-	-	-	
25 1"		20 3/4"	25.40 x 1.60	D-50	16.0	-	-	-	
25 1"		20 3/4"	25.40 x 1.60	E-63	16.0	146 309 J	-	-	
25 1"		20 3/4"	25.40 x 1.60	F-80	16.0	-	-	-	
40 1 1/2"		32 1 1/4"	38.10 x 1.60	E-63	16.0	146 337 V	-	-	
40 1 1/2"		32 1 1/4"	38.10 x 1.60	F-80	16.0	-	-	-	
40 1 1/2"		32 1 1/4"	38.10 x 1.60	H-125	-	-	-	-	
50 2"		40 1 1/2"	50.80 x 1.60	E-63	16.0	-	-	-	
50 2"		40 1 1/2"	50.80 x 1.60	F-80	16.0	146 355 F	-	-	
50 2"		40 1 1/2"	50.80 x 1.60	G-100	16.0	-	-	-	
50 2"		40 1 1/2"	50.80 x 1.60	H-125	16.0	-	-	-	

3) Steam up to 180°C / 10 bar.

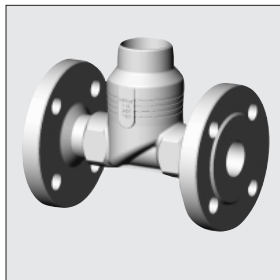


## Further Process Connections are:

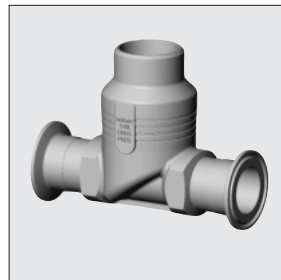
Threaded Ends



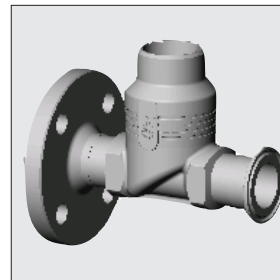
Flanges



Tri-Clamp®



Customized\*



\* e.g. one side with flange, other side Tri-Clamp®

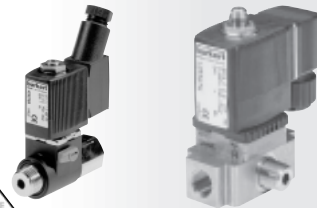
# 2/2-Way Globe Valve, Pneumatically Operated Cast Stainless Steel Body with Weld Ends

Valve Actuation System: banjo valve

Type: 6012, 6014

The banjo valve types are pneumatic single pilot valves designed for quick mounting onto pneumatic actuators. Simply screwed into the pressure port of the actuator the banjo valve can take up any position as the valve body as well as the pressure inlet are rotatable. In addition the banjo valve types 6012 and 6014, based on a modular concept, have a push-over coil, which can be locked in any position. Also available with cable plug for AS-i.

→ see datasheet type 6012, 6014 banjo

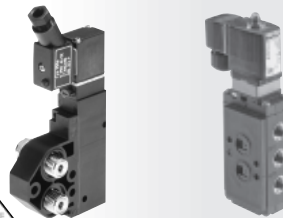


Valve Actuation System: NAMUR valve

Type: 5470, 6519

A Burkert NAMUR valve is an extremely reliably switching, diaphragm-driven, seat valve. The valve, which is manufactured from high quality plastic, can be operated in its 5/2 or 3/2 way function. The 3/2 way function works with exhaust feedback into the spring space. In this way, the penetration of aggressive external air into the interior of the drive is prevented. Also available with cable plug for AS-i.

→ see datasheet type 5470, 6519 NAMUR



Valve Actuation System: Mini TOP

Type: 8633

The Mini TOP combines pilot valves and position feedback in an extremely compact design. Due to its modular design, the Mini TOP can be easily plugged onto a globe valve. Both single and double acting actuators are possible. Position feedback can be either be delivered by using mechanical or inductive limit switches. The unique design reduces installation and commissioning costs to a minimum. It offers standard connections to valve actuators, intelligent sensors and process network interfaces like ASi. For actuator size 50 to 80 mm.

→ see datasheet type 8633



Valve Actuation System: TOP Control ON/OFF

Type: 8631

The TOP Control ON/OFF combines pilot valves and position feedback in one device. TOP Control ON/OFF and pneumatic actuator are mechanically connected and form a mechanical and functional unit. The modular construction enables one to realize units of different complexity and different electrical connection concepts. Both single and double acting actuators are possible, adjustable position feedback can be either using mechanical or inductive sensors. On failure of the supply voltage or the pneumatic energy, causes the valve to move to a safety position. For actuator size 50 to 125 mm.

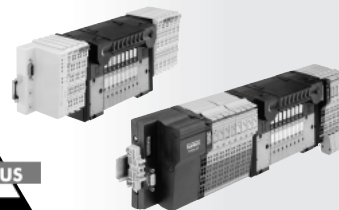


Valve Actuation System: AirLINE

Type: 8644

The AirLINE System integrates solenoid pilot valves, remote electrical I/Os with WAGO or PHOENIX and Fieldbus communication to a very compact and flexible Process Actuation Control System. Its modular design allows fully customized, pre-wired and tested solutions to exactly meet any application needs.

→ see datasheet type 8644



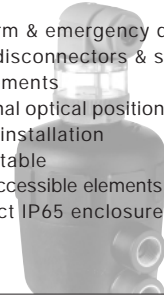
# 2/2-Way Globe Valve, Pneumatically Operated Cast Stainless Steel Body with Weld Ends

Further Modular Options (→ see data sheet type 2000 - 2031 accessories)

**Position Feedback (1060, 1062 or 1071)**

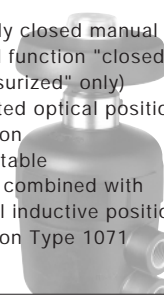
**1060**

- For alarm & emergency devices, safety disconnectors & sequence arrangements
- Additional optical position indication
- Simple installation
- Retrofittable
- Easily accessible elements & terminals
- Compact IP65 enclosure



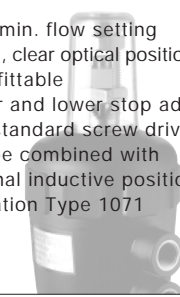
**Manual Override**

- Normally closed manual override (control function "closed when depressurized" only)
- Integrated optical position indication
- Retrofittable
- Can be combined with external inductive position indication Type 1071



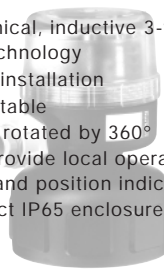
**Stroke Limitation**

- Max./min. flow setting
- Integr., clear optical position indication
- Retrofittable
- Upper and lower stop adjustable with standard screw driver
- Can be combined with external inductive position indication Type 1071



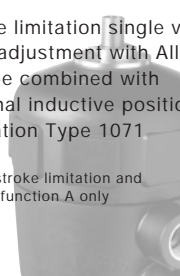
**1062**

- Mechanical, inductive 3-wire and EExi technology
- Simple installation
- Retrofittable
- Can be rotated by 360°
- LEDs provide local operational status and position indication
- Compact IP65 enclosure



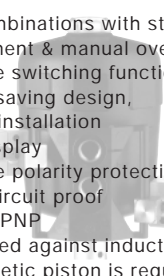
- Stroke limitation single version\*
- Easy adjustment with Allen key
- Can be combined with external inductive position indication Type 1071

\* Upper stroke limitation and control function A only



**1071**

- For combinations with stroke adjustment & manual override
- Reliable switching function
- Space saving design, simple installation
- LED display
- Reverse polarity protection
- Short circuit proof
- Pulsed PNP
- Protected against inductive spikes
- A magnetic piston is required



## Globe Valve Systems

A globe valve system consists of a globe valve and a valve actuation. Burkert offers a wide range of valve actuation systems suitable for the new globe valve, including banjo valves type 6012/6014, NAMUR valves type 5470/6519, Mini TOP 8633, TOP Control 8633 and AirLINE 8644. Example for Variations of globe valve ON/OFF Systems



Globe Valve



Valve Actuation



Complete Globe Valve Systems

2012  
Globe Valve  
with required  
process  
connection

Valve Actuation  
with all its  
needs

2012 + 6012  
Globe Valve  
banjo system

2012 + 6519  
Globe Valve  
NAMUR  
system

2012 + 8633  
Globe Valve  
Mini TOP  
system

2012 + 8631  
Globe Valve  
TOP Control  
system

2012 + 8644  
Globe Valve  
AirLINE  
system

In case of special application requirements, please consult for advice.

We reserve the right to make technical changes without notice.  
908-GB/ 1-0192