



FEATURES

- Investment Cast Body Construction
- 2 Pieces Body Design
- Seal Welding Design
- Mounting Pad Design
- Blow-Out-Proof Stem Design
- Anti-Static Device
- Super Alloy materials for highly corrosive medium are available upon request

SPECIFICATIONS

- Size Range DN8 ~ DN50 (1/4" ~ 2")
- End Connection Threaded / Socket Weld Ends
- Working Pressure PN140 for DN8 ~ DN25 / 2000PSI (CWP) for 1/4" ~ 1" / PN100 for DN32 ~ DN50 / 1500PSI (CWP) for 1-1/4" ~ 2"
- Steam Pressure 150 PSIG. Saturated Steam for PTFE.
- Temperature Range -4 to 356 °F (-20 to 180 °C) for PTFE.

STANDARDS

- Design EN-12516-3
- Threaded End NPT/ BS 21 (BSP) / BSPT / ISO 228-1 / DIN 2999 / ISO 7-1Rp
- Socket Weld End ANSI B16.11
- Face to Face DIN 3202 M3
- Material EN1503-1
- Pressure Testing EN 12266

CERTIFICATE

- Fire Safe API 607 6th Edition / ISO 10497
- Quality Assurance ISO 9001
- Material Certificate EN 10204-3.1 MTR
- CE Approval PED 97/23/EC Module H

MATERIAL LIST

NO.	PART NAME	MATERIAL (more options available)
1	BODY	EN1503-1 1.4408 EN1503-1 1.0619
4	BALL	ASTM A351 Gr.CF8M
5	STEM	ASTM A276 Gr.316
9	END CAP	EN1503-1 1.4408 EN1503-1 1.0619
12	SEAT	PTFE.
13	THRUST WASHER	GRAPHITE
14	STEM PACKING	GRAPHITE
16	GLAND NUT	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
24	HANDLE NUT	SS304
27	ANTI-STATIC DEVICE	SS304
28	LOCKING DEVICE	SS304

DIMENSION

		unit : mm									
SIZE	PORT	L	L2	L5	E	H	P	Z	SW		
DN8	1/4"	11.5	60.0	10.0	28.2	97.4	50.0	28.5	3/16"-24	14.2	
DN10	3/8"	12.5	60.0	10.0	28.2	97.4	50.0	28.5	3/16"-24	17.5	
DN15	1/2"	15.0	75.0	10.0	35.7	123.0	58.8	28.5	3/16"-24	21.8	
DN20	3/4"	20.0	80.0	13.0	40.2	123.0	62.5	35.0	3/16"-24	27.4	
DN25	1"	25.0	90.0	13.0	45.0	145.0	69.3	35.0	3/16"-24	34.1	
DN32	1-1/4"	32.0	110.0	13.0	53.4	145.0	76.0	38.0	1/4"-20	42.7	
DN40	1-1/2"	38.0	120.0	13.0	60.0	189.0	86.9	38.0	1/4"-20	49.0	
DN50	2"	50.0	140.0	16.0	69.5	189.0	95.0	38.0	1/4"-20	61.0	

DIMENSION

		unit : inch									
SIZE	PORT	L	L2	L5	E	H	P	Z	SW		
DN8	1/4"	0.45	2.36	0.39	1.11	3.83	1.97	1.12	3/16"-24	0.56	
DN10	3/8"	0.49	2.36	0.39	1.11	3.83	1.97	1.12	3/16"-24	0.69	
DN15	1/2"	0.59	2.95	0.39	1.41	4.84	2.31	1.12	3/16"-24	0.86	
DN20	3/4"	0.79	3.15	0.51	1.58	4.84	2.46	1.38	3/16"-24	1.08	
DN25	1"	0.98	3.54	0.51	1.77	5.71	2.73	1.38	3/16"-24	1.34	
DN32	1-1/4"	1.26	4.33	0.51	2.10	5.71	2.99	1.50	1/4"-20	1.68	
DN40	1-1/2"	1.50	4.72	0.51	2.36	7.44	3.42	1.50	1/4"-20	1.93	
DN50	2"	1.97	5.51	0.63	2.74	7.44	3.74	1.50	1/4"-20	2.40	