



FEATURES

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

SPECIFICATIONS

- Size Range 1/4" ~ 3" (DN8 ~ DN80)
- End Connection Threaded Ends
- Working Pressure 1000PSI (CWP) for 1/4" ~ 2" / PN63 for DN8 ~ DN50
800PSI (CWP) for 2-1/2" ~ 3" / PN40 for DN65 ~ DN80
- Steam Pressure 150 PSIG. Saturated Steam for RTFE.
- Temperature Range -4 to 356 °F (-20 to 180 °C) for RTFE.

STANDARDS

- Design EN-12516-1/3
- Threaded End NPT/ BS 21 (BSP) / BSPT / ISO 228-1 / DIN 2999 / ISO 7-1Rp
- Face to Face DIN 3202 M3
- Material ASTM
- Pressure Testing API 598

CERTIFICATE

- Quality Assurance ISO 9001
- Material Certificate EN 10204-3.1 MTR
- CE Approval PED 97/23/EC Module H
- Canadian Certificate CRN

MATERIAL LIST

NO.	PART NAME	MATERIAL (more options available)
1	BODY	ASTM A351 Gr.CF8M ASTM A216 Gr.WCB
4	BALL	ASTM A351 Gr.CF8M
5	STEM	ASTM A276 Gr.316
9	END CAP	ASTM A351 Gr.CF8M ASTM A216 Gr.WCB
11	BODY SEAL	PTFE.
12	SEAT	RTFE. (15%G.F.)
13	THRUST WASHER	PTFE.
14	STEM PACKING	PTFE.
16	GLAND NUT	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
24	HANDLE NUT	SS304
28	LOCKING DEVICE	SS304

DIMENSION

SIZE		PORT	L	L5	E	H	P	Z
DN8	1/4"	11.5	60	28.2	97.4	50.0	28.5	3/16"-24
DN10	3/8"	12.5	60	28.2	97.4	50.0	28.5	3/16"-24
DN15	1/2"	15.0	75	35.7	123.0	58.8	28.5	3/16"-24
DN20	3/4"	20.0	80	40.2	123.0	62.5	35.0	3/16"-24
DN25	1"	25.0	90	45.0	145.0	69.3	35.0	3/16"-24
DN32	1-1/4"	32.0	110	53.4	145.0	76.0	38.0	1/4"-20
DN40	1-1/2"	38.0	120	60.0	189.0	86.9	38.0	1/4"-20
DN50	2"	50.0	140	69.5	189.0	95.0	38.0	1/4"-20
DN65	2-1/2"	65.0	185	91.5	255.0	131.3	55.0	1/4"-20
DN80	3"	80.0	205	102.7	261.0	140.6	55.0	1/4"-20

DIMENSION

SIZE		PORT	L	L5	E	H	P	Z
DN8	1/4"	0.45	2.36	1.11	3.83	1.96	1.12	3/16"-24
DN10	3/8"	0.49	2.36	1.11	3.83	1.96	1.12	3/16"-24
DN15	1/2"	0.59	2.95	1.40	4.84	2.31	1.12	3/16"-24
DN20	3/4"	0.78	3.14	1.58	4.84	2.46	1.37	3/16"-24
DN25	1"	0.98	3.54	1.77	5.70	2.72	1.37	3/16"-24
DN32	1-1/4"	1.25	4.33	2.10	5.70	2.99	1.49	1/4"-20
DN40	1-1/2"	1.49	4.72	2.36	7.44	3.42	1.49	1/4"-20
DN50	2"	1.96	5.51	2.73	7.44	3.74	1.49	1/4"-20
DN65	2-1/2"	2.55	7.28	3.60	10.03	5.16	2.16	1/4"-20
DN80	3"	3.14	8.07	4.04	10.27	5.53	2.16	1/4"-20