



FEATURES

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

SPECIFICATIONS

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

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 ASTM
- Pressure Testing API 598

CERTIFICATE

- Fire Safe **OPTION** 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
- 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

DIMENSION

SIZE		PORT	L	L5	E	H	H2	H5	P	W1	L2	SW
DN8	1/4"	11.5	60.0	28.2	97.4	50.0	9.5	35.5	38.5	28.5	10.0	14.2
DN10	3/8"	12.5	60.0	28.2	97.4	50.0	9.5	35.5	38.5	28.5	10.0	17.5
DN15	1/2"	15.0	75.0	35.7	123.0	58.8	12.4	42.3	38.6	28.5	10.0	21.8
DN20	3/4"	20.0	80.0	40.2	123.0	62.5	12.2	42.5	45.8	35.0	13.0	27.4
DN25	1"	25.0	90.0	45.0	145.0	69.3	17.7	45.8	45.8	35.0	13.0	34.1
DN32	1-1/4"	32.0	110.0	53.4	145.0	76.0	17.3	46.2	47.2	38.0	13.0	42.7
DN40	1-1/2"	38.0	120.0	60.0	189.0	87.0	20.1	51.7	47.0	38.0	13.0	49.0
DN50	2"	50.0	140.0	69.5	189.0	95.0	20.0	52.7	49.2	38.0	16.0	61.0

DIMENSION

SIZE		PORT	L	L5	E	H	H2	H5	P	W1	L2	SW
DN8	1/4"	0.45	2.36	1.11	3.83	1.96	0.37	1.39	1.51	1.12	0.39	0.55
DN10	3/8"	0.49	2.36	1.11	3.83	1.96	0.37	1.39	1.51	1.12	0.39	0.68
DN15	1/2"	0.59	2.95	1.40	4.84	2.31	0.48	1.66	1.51	1.12	0.39	0.85
DN20	3/4"	0.78	3.14	1.58	4.84	2.46	0.48	1.67	1.80	1.37	0.51	1.07
DN25	1"	0.98	3.54	1.77	5.70	2.72	0.69	1.80	1.80	1.37	0.51	1.34
DN32	1-1/4"	1.25	4.33	2.10	5.70	2.99	0.68	1.81	1.85	1.49	0.51	1.68
DN40	1-1/2"	1.49	4.72	2.36	7.44	3.42	0.79	2.03	1.85	1.49	0.51	1.92
DN50	2"	1.96	5.51	2.73	7.44	3.74	0.78	2.07	1.93	1.49	0.62	2.40