



FEATURES

- Investment Cast Body Construction
- 1 Piece Body Design
- Hexagon Body Shape
- Blow-Out-Proof Stem Design
- Integral Seat & Body Seal Design for 1/4" ~ 1"
- Super Alloy materials for highly corrosive medium are available upon request

SPECIFICATIONS

- Size Range: 1/4" ~ 2" (DN8 ~ DN50)
- End Connection: Threaded Ends
- Working Pressure: 2000PSI (CWP) for 1/4" ~ 1" / 1500PSI (CWP) for 1-1/4" ~ 2"
- Steam Pressure: 150 PSIG. Saturated Steam for RTFE.
- Temperature Range: -4 to 320 °F (-20 to 160 °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: MFG Standard
- 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
4	BALL	ASTM A276 Gr.316 for 1/4" ~ 1/2" ASTM A351 Gr.CF8M for 3/4" ~ 2"
5	STEM	ASTM A276 Gr.316
9	INSERT CAP	ASTM A351 Gr.CF8M
11	BODY SEAL	PTFE.
12	SEAT	RTFE.(15%G.F.)
13	THRUST WASHER	PTFE.
14	STEM PACKING	PTFE.
15	GLAND WASHER	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
23	SPRING WASHER	SS304
24	HANDLE NUT	SS304

DIMENSION

SIZE		PORT	L	E	H	W
DN8	1/4"	5.0	39.0	61.0	29.5	17.0
DN10	3/8"	7.2	44.0	79.0	34.5	21.0
DN15	1/2"	9.2	56.2	108.0	56.0	28.0
DN20	3/4"	12.5	65.1	110.0	65.0	34.5
DN25	1"	15.0	76.2	122.0	68.0	40.5
DN32	1-1/4"	20.0	92.1	145.0	79.5	53.5
DN40	1-1/2"	24.5	98.4	148.0	84.0	57.5
DN50	2"	32.0	114.3	148.0	92.5	73.0

DIMENSION

SIZE		PORT	L	E	H	W
DN8	1/4"	0.19	1.53	2.40	1.16	0.66
DN10	3/8"	0.28	1.73	3.11	1.35	0.82
DN15	1/2"	0.36	2.21	4.25	2.20	1.10
DN20	3/4"	0.49	2.56	4.33	2.55	1.35
DN25	1"	0.59	3.00	4.80	2.67	1.59
DN32	1-1/4"	0.78	3.62	5.70	3.12	2.10
DN40	1-1/2"	0.96	3.87	5.82	3.30	2.26
DN50	2"	1.25	4.50	5.82	3.64	2.87