



## 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 DN8 ~ DN50 ( 1/4" ~ 2" )
- End Connection Threaded 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 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 MFG
- Material EN1503-1
- Pressure Testing EN 12266

## CERTIFICATE

- 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
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	H2	H5	C	Z	P	W
DN8	1/4"	13.0	57	26.0	100	51	11	35	5.2	3/16"-24	28.2	39
DN10	3/8"	13.0	57	26.0	100	51	11	35	5.2	3/16"-24	28.2	39
DN15	1/2"	13.0	60	29.0	100	51	11	35	5.2	3/16"-24	28.2	39
DN20	3/4"	17.5	79	38.0	123	62	12	42	6.2	3/16"-24	34.7	46
DN25	1"	22.3	85	41.0	123	67	12	42	6.2	3/16"-24	34.7	46
DN32	1-1/4"	25.6	102	51.5	144	84	20	40	9.3	1/4"-20	35.6	50
DN40	1-1/2"	32.0	111	56.0	144	89	20	42	9.3	1/4"-20	35.6	50
DN50	2"	38.3	137	68.0	180	94	20	40	9.3	1/4"-20	35.6	50

## DIMENSION

SIZE		PORT	L	L5	E	H	H2	H5	C	Z	P	W
DN8	1/4"	0.51	2.24	1.02	3.93	2.00	0.43	1.37	0.20	3/16"-24	1.11	1.53
DN10	3/8"	0.51	2.24	1.02	3.93	2.00	0.43	1.37	0.20	3/16"-24	1.11	1.53
DN15	1/2"	0.51	2.36	1.14	3.93	2.00	0.43	1.37	0.20	3/16"-24	1.11	1.53
DN20	3/4"	0.68	3.11	1.49	4.84	2.44	0.47	1.65	0.24	3/16"-24	1.36	1.81
DN25	1"	0.87	3.34	1.61	4.84	2.63	0.47	1.65	0.24	3/16"-24	1.36	1.81
DN32	1-1/4"	1.00	4.01	2.02	5.66	3.30	0.78	1.57	0.36	1/4"-20	1.40	1.96
DN40	1-1/2"	1.25	4.37	2.20	5.66	3.50	0.78	1.65	0.36	1/4"-20	1.40	1.96
DN50	2"	1.50	5.39	2.67	7.08	3.70	0.78	1.57	0.36	1/4"-20	1.40	1.96