



FEATURES

- Investment Cast Body Construction
- 3 Pieces of Seats Design
- Blow-Out-Proof Stem Design
- Available for either L-Port or T-Port
- Locking Device
- Mounting Pad Design
- Super Alloy materials for highly corrosive medium are available upon request

SPECIFICATIONS

- Size Range DN8 ~ DN50 (1/4" ~ 2")
- End Connection Threaded End
- Working Pressure PN63 for DN8 ~ DN50
- Steam Pressure 150 PSIG. Saturated Steam for RTFE.
- Temperature Range -4 to 356 °F (-20 to 180 °C) for RTFE.

STANDARDS

- Design EN 12516-1/3
- 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			DIMENSION								unit : mm	
NO.	PART NAME	MATERIAL (more options available)	SIZE	PORT	L	L5	E	H	P1	P2	M	
1	BODY	EN1503-1 1.4408	DN8	1/4"	11.0	69.4	35.0	106.0	61.0	13.0	28.5	10-24UNC
		EN1503-1 1.0619	DN10	3/8"	11.0	69.4	35.0	106.0	61.0	13.0	28.5	10-24UNC
4	BALL	ASTM A351 Gr.CF8M	DN15	1/2"	12.7	76.0	37.5	138.0	65.5	13.0	28.5	10-24UNC
5	STEM	ASTM A276 Gr.316	DN20	3/4"	16.0	86.6	45.0	138.0	71.0	21.0	34.6	10-24UNC
9	END CAP	EN1503-1 1.4408	DN25	1"	20.0	102.0	51.0	157.0	76.0	21.0	34.6	10-24UNC
		EN1503-1 1.0619	DN32	1-1/4"	25.0	118.0	58.0	157.0	81.5	24.0	38.0	10-24UNC
11	BODY SEAL	PTFE.	DN40	1-1/2"	32.0	126.0	63.0	220.0	102.0	24.0	38.0	1/4"-20UNC
12	SEAT	RTFE.(15%G.F.)	DN50	2"	38.1	149.0	77.0	220.0	112.2	24.0	38.0	1/4"-20UNC
13	THRUST WASHER	PTFE.										
14	STEM PACKING	PTFE.										
16	GLAND NUT	SS304										
19	HANDLE	SS304										
21	HANDLE COVER	PLASTIC										
23	HANDLE WASHER	SS304										
24	HANDLE NUT	SS304										
28	LOCKING DEVICE	SS304										

DIMENSION											unit : inch
SIZE	PORT	L	L5	E	H	P1	P2	M			
DN8	1/4"	0.43	2.73	1.37	4.17	2.40	0.51	1.12	10-24UNC		
DN10	3/8"	0.43	2.73	1.37	4.17	2.40	0.51	1.12	10-24UNC		
DN15	1/2"	0.50	2.99	1.47	5.43	2.57	0.51	1.12	10-24UNC		
DN20	3/4"	0.62	3.40	1.77	5.43	2.79	0.82	1.36	10-24UNC		
DN25	1"	0.78	4.01	2.00	6.18	2.99	0.82	1.36	10-24UNC		
DN32	1-1/4"	0.98	4.64	2.28	6.18	3.20	0.94	1.49	10-24UNC		
DN40	1-1/2"	1.25	4.96	2.48	8.66	4.01	0.94	1.49	1/4"-20UNC		
DN50	2"	1.50	5.86	3.03	8.66	4.41	0.94	1.49	1/4"-20UNC		