



FEATURES

- Investment Cast Body Construction
- 3 Pieces of Seats Design
- ISO 5211 Mounting Flange
- Blow-Out-Proof Stem Design
- Available for L-Port Only
- Locking Device
- Super Alloy materials for highly corrosive medium are available upon request

AUTOMATION AVAILABLE

SPECIFICATIONS

- Size Range DN8 ~ DN50 (1/4" ~ 2")
- End Connection Threaded End
- Working Pressure 1.4408 - 61.2 Bar at RT
1.0619 - 61.4 Bar at RT
- Steam Pressure 150 PSIG. Saturated Steam for PTFE.
- Temperature Range -4 to 356 °F (-20 to 180 °C) for PTFE.

STANDARDS

- Design EN 12516-1/3
- Mounting Pad ISO 5211
- Threaded End NPT/ BS 21 (BSP) / BSPT / ISO 228-1 / DIN 2999 / ISO 7-1Rp
- Face to Face Manufacturer
- Material EN 1503-1
- Pressure Testing EN 12266

CERTIFICATE

- Quality Assurance ISO 9001
- Material Certificate EN 10204-3.1 MTR
- CE Approval PED 2014/68/EU Module H
- Canadian Certificate CRN

MATERIAL LIST

NO.	PART NAME	MATERIAL (more options available)
1	BODY	EN 1503-1 1.4408 EN 1503-1 1.0619
4	BALL	ASTM A351 Gr.CF8M
5	STEM	ASTM A276 Gr.316
9	CAP	EN 1503-1 1.4408 EN 1503-1 1.0619
11	BODY SEAL	PTFE.
12	SEAT	PTFE.
13	THRUST WASHER	PTFE.
14	STEM PACKING	PTFE.
16	GLAND NUT	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
23	HANDLE WASHER	SS304
23-1	WASHER	SS304
24	SCREW	SS304
28	LOCKING DEVICE	SS304

DIMENSION

														unit : mm		
SIZE	PORT	L	L5	L6	E	H	H1	H7	C	ØY	ØK	Z				
DN8	1/4"	11.0	57.2	29.0	25.0	133.0	62.7	11.0	6.0	9.0	12.0	36 / F03	M5 * 0.8			
DN10	3/8"	11.0	57.2	29.0	25.0	133.0	62.7	11.0	6.0	9.0	12.0	36 / F03	M5 * 0.8			
DN15	1/2"	12.5	66.0	33.5	25.0	133.0	64.7	11.0	6.0	9.0	12.0	36 / F03	M5 * 0.8			
DN20	3/4"	16.0	77.0	38.7	25.0	133.0	67.7	11.0	6.0	9.0	12.0	36 / F03	M5 * 0.8			
DN25	1"	20.0	88.5	46.0	29.0	133.0	71.2	11.0	6.0	9.0	12.0	42 / F04	M5 * 0.8			
DN32	1-1/4"	25.4	103.3	51.7	35.5	178.5	88.7	23.5	8.0	11.0	15.0	50 / F05	M6 * 1.0			
DN40	1-1/2"	31.8	111.0	61.0	35.5	178.5	93.7	23.5	8.0	11.0	15.0	50 / F05	M6 * 1.0			
DN50	2"	38.1	136.4	71.4	35.5	178.5	98.2	23.5	8.0	14.0	15.0	50 / F05	M6 * 1.0			

DIMENSION

														unit : inch		
SIZE	PORT	L	L5	L6	E	H	H1	H7	C	ØY	ØK	Z				
DN8	1/4"	0.43	2.25	1.14	0.98	5.24	2.47	0.43	0.24	0.35	0.47	1.42 / F03	M5 * 0.8			
DN10	3/8"	0.43	2.25	1.14	0.98	5.24	2.47	0.43	0.24	0.35	0.47	1.42 / F03	M5 * 0.8			
DN15	1/2"	0.49	2.60	1.32	0.98	5.24	2.55	0.43	0.24	0.35	0.47	1.42 / F03	M5 * 0.8			
DN20	3/4"	0.63	3.03	1.52	0.98	5.24	2.67	0.43	0.24	0.35	0.47	1.42 / F03	M5 * 0.8			
DN25	1"	0.79	3.48	1.81	1.14	5.24	2.80	0.43	0.24	0.35	0.47	1.65 / F04	M5 * 0.8			
DN32	1-1/4"	1.00	4.07	2.04	1.40	7.03	3.49	0.93	0.31	0.43	0.59	1.97 / F05	M6 * 1.0			
DN40	1-1/2"	1.25	4.37	2.40	1.40	7.03	3.69	0.93	0.31	0.43	0.59	1.97 / F05	M6 * 1.0			
DN50	2"	1.50	5.37	2.81	1.40	7.03	3.87	0.93	0.31	0.55	0.59	1.97 / F05	M6 * 1.0			