



FEATURES

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

AUTOMATION AVAILABLE

SPECIFICATIONS

- Size Range: 1/4" ~ 3" (DN8 ~ DN80)
- End Connection: Threaded End
- Working Pressure: 1000PSI (CWP) for 1/4" ~ 3"
- 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
- Mounting Flange: ISO 5211
- Threaded End: NPT/ BS 21 (BSP) / BSPT / ISO 228-1 / DIN 2999 / ISO 7-1Rp
- Face to Face: MFG
- 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
		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
23	HANDLE WASHER	SS304
24	HANDLE NUT	SS304
28	LOCKING DEVICE	SS304

DIMENSION

SIZE		PORT	L	L5	E	H	H1	C	ØK	Z-4
DN8	1/4"	11.0	69.4	34.6	133.4	60.7	10.7	9.0	42 / F04	M5xP0.8
DN10	3/8"	11.0	69.4	34.6	133.4	60.7	10.7	9.0	42 / F04	M5xP0.8
DN15	1/2"	12.5	75.7	37.3	133.4	64.1	10.7	9.0	42 / F04	M5xP0.8
DN20	3/4"	16.0	86.6	44.7	178.5	82.4	13.9	11.0	50 / F05	M6xP1.0
DN25	1"	20.0	102.4	51.4	178.5	86.1	20.0	11.0	50 / F05	M6xP1.0
DN32	1-1/4"	25.0	118.2	57.7	209.9	91.4	23.8	11.0	50 / F05	M6xP1.0
DN40	1-1/2"	32.0	125.8	62.7	208.0	102.7	25.8	11.0	70 / F07	M8xP1.25
DN50	2"	38.0	149.0	74.6	229.9	110.7	25.3	14.0	70 / F07	M8xP1.25
DN65	2-1/2"	50.0	170.1	85.0	229.9	115.8	24.5	14.0	70 / F07	M8xP1.25
DN80	3"	65.0	195.1	97.5	265.0	132.0	25.5	17.0	102 / F10	M10xP1.5

DIMENSION

SIZE		PORT	L	L5	E	H	H1	C	ØK	Z-4
DN8	1/4"	0.43	2.73	1.36	5.25	2.38	0.42	0.35	1.65 / F04	M5xP0.8
DN10	3/8"	0.43	2.73	1.36	5.25	2.38	0.42	0.35	1.65 / F04	M5xP0.8
DN15	1/2"	0.49	2.98	1.46	5.25	2.52	0.42	0.35	1.65 / F04	M5xP0.8
DN20	3/4"	0.62	3.40	1.75	7.02	3.24	0.54	0.43	1.96 / F05	M6xP1.0
DN25	1"	0.78	4.03	2.02	7.02	3.38	0.78	0.43	1.96 / F05	M6xP1.0
DN32	1-1/4"	0.98	4.65	2.27	8.26	3.59	0.93	0.43	1.96 / F05	M6xP1.0
DN40	1-1/2"	1.25	4.95	2.46	8.18	4.04	1.01	0.43	2.75 / F07	M8xP1.25
DN50	2"	1.49	5.86	2.93	9.05	4.35	0.99	0.55	2.75 / F07	M8xP1.25
DN65	2-1/2"	1.96	6.69	3.34	9.05	4.55	0.96	0.55	2.75 / F07	M8xP1.25
DN80	3"	2.55	7.68	3.83	10.43	5.19	1.00	0.66	4.01 / F10	M10xP1.5