



FEATURES

- Investment Cast Body Construction
- ISO 5211 Direct Mounting Flange
- 3 Pieces Body Design / In-Line Maintenance
- Cavity Filled Seat Design **OPTION**
- Blow-Out-Proof Stem Design
- NACE MR0175 is available upon request

**AUTOMATION
AVAILABLE**

SPECIFICATIONS

- Size Range 1/2" ~ 4" (DN15 ~ DN100)
- End Connection Tri - Clamp End
- Working Pressure 1000PSI (CWP) for 1/2" ~ 2"
800PSI (CWP) for 2-1/2" ~ 4"
- Temperature Range -4 to 320 °F (-20 to 160 °C) for PTFE.

STANDARDS

- Design EN-12516-1/2/3
- Mounting Flange ISO 5211
- T-Clamp End 3A Standard
- 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

MATERIAL LIST

NO.	PART NAME	MATERIAL (more options available)
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M
5	STEM	ASTM A276 Gr.316
9	END CAP	ASTM A351 Gr.CF8M
11	BODY SEAL	PTFE.
12	SEAT	PTFE. (Cavity Filled Seat)
13	THRUST WASHER	PTFE.
14	STEM PACKING	PTFE.
15	GLAND BUSH	SS304
22	STEM NUT	SS304
23	HANDLE WASHER	SS304
29	BELLEVILLE WASHER	SS304
30	TAB WASHER	SS304
31	O-RING	VITON
33	STOP PIN	SS304
35	BODY BOLT	SS304
36	BOLT WASHER	SS304
37	BOLT NUT	SS304
67	ACTUATOR	SPRING RETURN TYPE

DIMENSION

SIZE		ACTUATOR	PORT	L	L2	H	H7	C	ØD	Z	Z1	ISO 5211
DN15	1/2"	C-450 SR3	9.5	89	18	37.0	15.5	9	12.7	6	6	F03/F04
DN20	3/4"	C-450 SR3	15.9	101	21	47.0	20.6	9	19.1	6	6	F03/F04
DN25	1"	C-450 SR4	22.2	114	25	57.2	29.0	11	25.4	6	8	F04/F05
DN40	1-1/2"	C-1000 SR4	35.0	140	28	78.2	39.0	14	38.2	8	10	F05/F07
DN50	2"	C-2250 SR3	47.6	156	25	86.2	42.0	14	50.8	8	10	F05/F07
DN65	2-1/2"	C-2250 SR4	60.3	197	35	109.2	48.0	17	63.5	10	12	F07/F10
DN80	3"	C-5000 SR4	73.0	229	43	117.7	48.7	17	76.2	10	12	F07/F10
DN100	4"	C-5000 SR4	97.4	241	37	141.2	34.0	22	101.6	12	14	F10/F12

DIMENSION

SIZE		ACTUATOR	PORT	L	L2	H	H7	C	ØD	Z	Z1	ISO 5211
DN15	1/2"	C-450 SR3	0.37	3.50	0.71	1.46	0.61	0.35	0.50	0.24	0.24	F03/F04
DN20	3/4"	C-450 SR3	0.63	3.98	0.83	1.85	0.81	0.35	0.75	0.24	0.24	F03/F04
DN25	1"	C-450 SR4	0.87	4.49	0.98	2.25	1.14	0.43	1.00	0.24	0.31	F04/F05
DN40	1-1/2"	C-1000 SR4	1.38	5.51	1.10	3.08	1.54	0.55	1.50	0.31	0.39	F05/F07
DN50	2"	C-2250 SR3	1.87	6.14	0.98	3.39	1.65	0.55	2.00	0.31	0.39	F05/F07
DN65	2-1/2"	C-2250 SR4	2.37	7.76	1.38	4.30	1.89	0.67	2.50	0.39	0.47	F07/F10
DN80	3"	C-5000 SR4	2.87	9.02	1.69	4.63	1.92	0.67	3.00	0.39	0.47	F07/F10
DN100	4"	C-5000 SR4	3.83	9.49	1.46	5.56	1.34	0.87	4.00	0.47	0.55	F10/F12