

FEATURES

- Investment Cast Body Construction
- Valve Design as per API 603 & BS1873
- Bolted Bonnet Design
- Rising Stem, Rising Handwheel
- Outside Screw & Yoke, Flexible Disc
- Conical Seat Design
- NACE MR0175 is available upon request
- Super Alloy materials for highly corrosive medium are available upon request

SPECIFICATIONS

- Size Range 1/2" ~ 16" (DN15 ~ DN400)
- End Connection Flanged End, RF
- Working Pressure CF8M - 275 PSI (CWP)
 WCB - 285 PSI (CWP)

STANDARDS

- Design ASME/ANSI B16.34 / API 603 / BS1873
- Face to Face ASME/ANSI B16.10 Class 150
- Flange Dimension ASME/ANSI B16.5 Class 150 RF
- 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

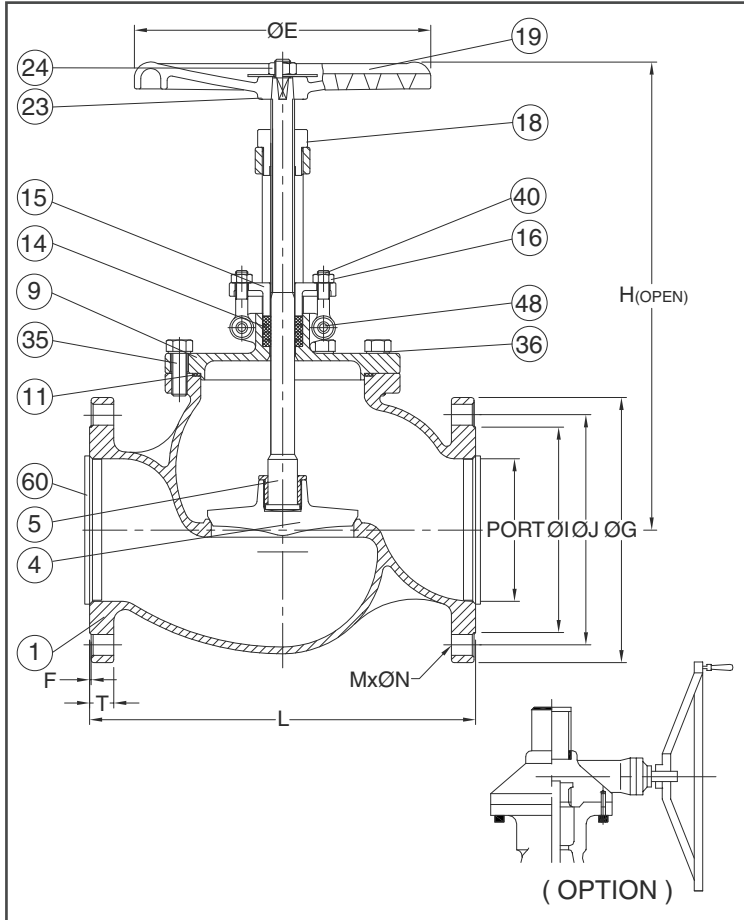
NO.	PART NAME	MATERIAL (more options available)
1	BODY	ASTM A351 Gr.CF8M
4	DISC	ASTM A276 Gr.316
5	STEM	ASTM A276 Gr.316
9	BONNET	ASTM A351 Gr.CF8M
11	GASKET	GRAPHITE
14	STEM PACKING	GRAPHITE
15	GLAND	ASTM A351 Gr.CF8
18	YOKE SLEEVE	BRONZE
19	HANDWHEEL	CAST IRON
23	HANDWHEEL WASHER	SS304
24	HANDWHEEL NUT	ASTM A194 Gr.8
35	BONNET BOLT	ASTM A193 Gr.B8
36	BOLT WASHER	SS304
40	EYE BOLT	ASTM A193 Gr.B8
16	EYE BOLT NUT	ASTM A194 Gr.8
48	EYE BOLT PIN	SS304
60	COVER	PE

DIMENSION

SIZE		PORT	L	ØE	H(Open)	ØG	ØJ	ØI	T	F	M x ØN	unit : mm
DN15	1/2"	15	108	100	190	88.9	60.5	35.1	10.0	1.6	4 x Ø16	
DN20	3/4"	20	117	100	195	98.6	69.9	43.0	10.5	1.6	4 x Ø16	
DN25	1"	25	127	125	208	108.0	79.2	50.8	11.2	1.6	4 x Ø16	
DN40	1-1/2"	40	165	140	260	127.0	98.6	73.2	14.3	1.6	4 x Ø16	
DN50	2"	50	203	170	275	152.4	120.7	92.0	15.8	1.6	4 x Ø19	

DIMENSION

SIZE		PORT	L	ØE	H(Open)	ØG	ØJ	ØI	T	F	M x ØN	unit : inch
DN15	1/2"	0.59	4.25	3.94	7.48	3.50	2.38	1.38	0.39	0.06	4 x Ø0.63	
DN20	3/4"	0.79	4.61	3.94	7.68	3.88	2.75	1.69	0.41	0.06	4 x Ø0.63	
DN25	1"	0.98	5.00	4.92	8.19	4.25	3.12	2.00	0.44	0.06	4 x Ø0.63	
DN40	1-1/2"	1.57	6.50	5.51	10.24	5.00	3.88	2.88	0.56	0.06	4 x Ø0.63	
DN50	2"	1.97	7.99	6.69	10.83	6.00	4.75	3.62	0.62	0.06	4 x Ø0.75	



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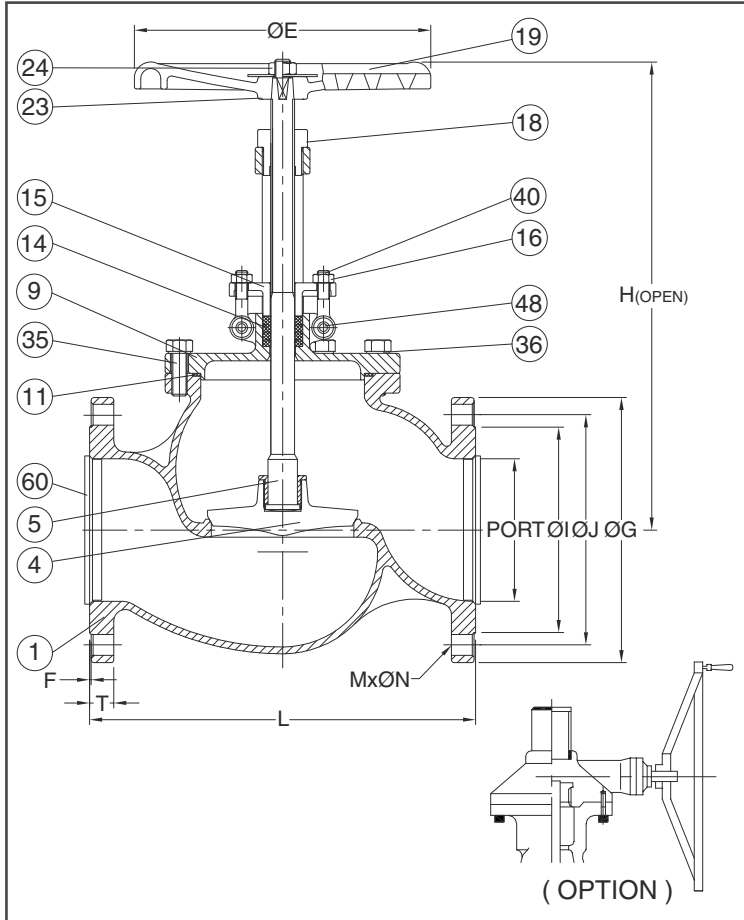
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DIMENSION

SIZE		PORT	L	ØE	H _(Open)	ØG	ØJ	ØI	T	F	M x ØN	unit : mm
DN65	2-1/2"	65	216	180	320	177.8	139.7	104.7	17.5	1.6	4 x Ø19	
DN80	3"	80	241	200	360	190.5	152.4	127.0	19.1	1.6	4 x Ø19	
DN100	4"	100	292	225	415	228.6	190.5	157.2	23.9	1.6	8 x Ø19	
DN125	5"	125	356	290	510	254.0	215.9	186.0	23.9	1.6	8 x Ø22.3	
DN150	6"	150	406	350	535	279.4	241.3	215.9	25.4	1.6	8 x Ø22.3	

DIMENSION

SIZE		PORT	L	ØE	H _(Open)	ØG	ØJ	ØI	T	F	M x ØN	unit : inch
DN65	2-1/2"	2.56	8.50	7.09	12.60	7.00	5.50	4.12	0.69	0.06	4 x Ø0.75	
DN80	3"	3.15	9.49	7.87	14.17	7.50	6.00	5.00	0.75	0.06	4 x Ø0.75	
DN100	4"	3.94	11.50	8.86	16.34	9.00	7.50	6.19	0.94	0.06	8 x Ø0.75	
DN125	5"	4.92	14.02	11.42	20.08	10.00	8.50	7.32	0.94	0.06	8 x Ø0.88	
DN150	6"	5.91	15.98	13.78	21.06	11.00	9.50	8.50	1.00	0.06	8 x Ø0.88	



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DIMENSION

unit : mm

SIZE	PORT	L	ØE	H(Open)	ØG	ØJ	ØI	T	F	M x ØN	
DN200	8"	200	495	400	600	342.9	298.5	269.8	28.5	1.6	8 x Ø22.3
DN250	10"	250	622	500	718	406.4	362.0	323.9	30.3	1.6	12 x Ø25.4
DN300	12"	300	698	500	760	482.6	431.8	381.0	31.8	1.6	12 x Ø25.4
DN350	14"	350	787	500	1050	533.4	476.3	412.8	35.1	1.6	12 x Ø28.5
DN400	16"	400	864	600	1200	596.9	539.8	469.9	36.6	1.6	16 x Ø28.5

DIMENSION

unit : inch

SIZE	PORT	L	ØE	H(Open)	ØG	ØJ	ØI	T	F	M x ØN	
DN200	8"	7.87	19.49	15.75	23.62	13.50	11.75	10.62	1.12	0.06	8 x Ø0.88
DN250	10"	9.84	24.49	19.69	28.27	16.00	14.25	12.75	1.19	0.06	12 x Ø1.00
DN300	12"	11.81	27.48	19.69	29.92	19.00	17.00	15.00	1.25	0.06	12 x Ø1.00
DN350	14"	13.78	30.98	19.69	41.34	21.00	18.75	16.25	1.38	0.06	12 x Ø1.12
DN400	16"	15.75	34.02	23.62	47.24	23.50	21.25	18.50	1.44	0.06	16 x Ø1.12