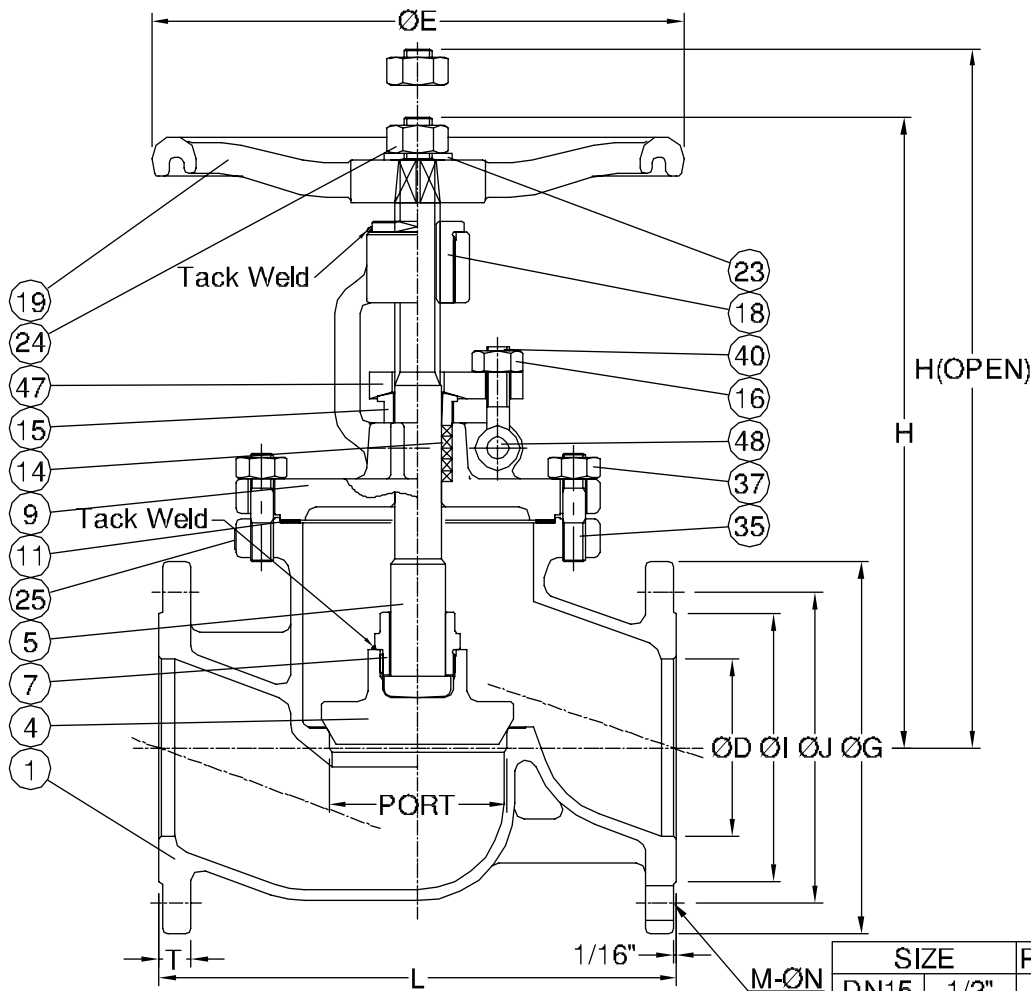


Fig No: WARREN-2152

MATERIALS LIST

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A351 Gr.CN7M
4	DISC	ASTM A351 Gr.CN7M (4" ABOVE)
		ALLOY 20 (3" UNDER)
5	STEM	ALLOY 20
7	DISC NUT	ASTM A351 Gr.CN7M (4" ABOVE)
		ALLOY 20 (3" UNDER)
9	BONNET	ASTM A351 Gr.CN7M
11	GASKET	PTFE.
14	PACKING	PTFE.
15	GLAND	ALLOY 20
16	EYE BOLT NUT	ASTM A194 Gr.8 (HEAVY)
18	YOKE SLEEVE	ASTM A439 Gr.D2C
19	HANDWHEEL	ASTM A536 DUCTILE IRON
23	SPRING WASHER	ANSI 304
24	HANDWHEEL NUT	ASTM A194 Gr.8
25	NAME PLATE	ASTM A666-304
35	BONNET STUD	ASTM A193 Gr.B8 CLASS 2
37	BONNET NUT	ASTM A194 Gr.8 (HEAVY)
40	EYE BOLT	ASTM A193 Gr.B8
47	GLAND FLANGE	ASTM A351 Gr.CF8
48	EYE BOLT PIN	ASTM A276-304



DIMENSIONS

													unit:inch	
SIZE	PORT	L	ØE	H	H(OOPEN)	ØG	ØJ	ØI	T	M	ØN	ØD	Weight(lbs)	
DN15	1/2"	0.59	4.25	3.94	6.22	6.71	3.50	2.38	1.38	0.38	4	5/8	0.59	6
DN20	3/4"	0.75	4.62	3.94	6.22	6.85	3.88	2.75	1.69	0.41	4	5/8	0.75	7
DN25	1"	0.95	5.00	3.94	6.50	7.22	4.25	3.12	2.00	0.44	4	5/8	1.00	8
DN40	1-1/2"	1.50	6.50	7.09	8.27	9.09	5.00	3.88	2.88	0.56	4	5/8	1.50	15
DN50	2"	1.93	8.00	7.09	8.86	9.69	6.00	4.75	3.62	0.62	4	3/4	2.00	23
DN65	2-1/2"	2.50	8.50	7.87	11.69	13.03	7.00	5.50	4.12	0.69	4	3/4	2.50	40
DN80	3"	3.00	9.50	9.84	13.54	14.92	7.50	6.00	5.00	0.75	4	3/4	3.11	54
DN100	4"	3.94	11.50	11.81	14.80	16.38	9.00	7.50	6.19	0.94	8	3/4	4.00	86
DN125	5"	5.00	14.00	15.75	16.24	17.93	10.00	8.50	7.31	0.94	8	7/8	5.00	148
DN150	6"	6.00	16.00	15.75	17.44	19.33	11.00	9.50	8.50	1.00	8	7/8	6.00	185
DN200	8"	8.00	19.50	17.72	22.24	24.96	13.50	11.75	10.62	1.12	8	7/8	8.00	313

APPLICABLE STANDARDS:

Shell Wall Thickness:ANSI B16.34
 Face to Face:ANSI B16.10
 End Flanges:ANSI B16.5
 Inspection Per API 598

TEST PRESSURE:

Shell (by Water),345 Psig
 Seat (by Water),253 Psig
 (by Air),80 Psig

BODY MARK
(EXAMPLE)

WARREN

2
150
CN7M
→
□

warren alloy

	APPROVED BY.	CHECK BY.	DRAWN BY.	DRAWINGNO.		MATERIAL		UNIT	DESCRIPTION	
SIGN	TONY	MICHAEL	SAYA	WARREN-2152		MATERIAL LIST		Inch	GLOBE VALVES, ANSI CLASS 150	
DATE	04/12/2009	04/12/2009	04/12/2009	REVISION	02	SCALE	FREE			