



GLOBE VALVE CLASS 900Lb

MAIN PARTS AND MATERIALS

NO.	Part Name	Qty.	Material	NO.	Part Name	Qty.	Material
1	Body	1	WCB	15	Eye Nut	2	A194 2H
2	Seat	2	A105+HF	16	Stem Nut	1	D-2
3	Disc	1	WCB+F6	17	Gasket	1	A276 410
4	Thrust Plate	1	A276 430	18	Eye Nut	1	A29 1035
5	Disc Cover	1	A276 410	19	Hand wheel	1	60-40-18
6	Stem	1	A18 F6	20	Screw	1	A29 1035
7	Gasket	1	304+ Flexible Graphite	21	Gland	1	A276 410
8	Bonnet	1	WCB	22	Packing	2	Stainless Steel Wire With Flexible Graphite
9	Stud		A193 B7	23	Packing	4-5	
10	Nut		A194 2H	24	Distance Ring	1	A276 410
11	Pin	2	A29 1035	25	Back Seat	1	A276 410
12	Split Pin	2	A570 GR.A	26	Rivet	2	304
13	Gland Flange	1	WCB	27	Name Plate	1	304
14	Eye Bolt	2	A193 B7				

MAIN CONNECTION DIMENSIONS AND WEIGHTS

NPS	in	2	2-1/2	3	4	6	8	10
	d	mm	47	57	73	98	146	190
L-L1 (RF-BW)	in	14.50	16.50	15.00	18.00	24.00	29.00	33.00
	mm	368	419	381	457	610	737	838
L2 (RTJ)	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12
	mm	371	422	384	460	613	740	841
d1	in	3.62	4.13	5.00	6.18	8.50	10.63	12.76
	mm	92	105	127	157	216	270	324
d2	in	6.50	7.50	7.50	9.25	12.50	15.50	18.50
	mm	165.1	190.5	190.5	234.9	317.5	393.7	469.9
D	in	8.50	9.62	9.50	11.50	15.00	18.50	21.50
	mm	216	244	241	292	381	470	545
b	in	1.50	1.63	1.50	1.75	2.20	2.50	2.75
	mm	38.5	41.5	38.5	44.5	56	63.5	70
n-φd	in	8-1.00	8-1.13	8-1.00	8-1.25	12-1.25	12-1.50	16-1.50
	mm	8-26	8-29	8-26	8-32	12-32	12-39	16-39
H (open)	in	18.82	19.76	24.17	31.06	34.88	36.69	40.94
	mm	478	502	614	789	886	932	1040
W	in	13.78	15.75	17.72	22.05	18.11	24.03	24.02
	mm	350	400	450	560	460	610	610
WT (Kg)	BF	100	118	131	218	452	710	870
	BW	75	94	105	185	340	630	690

Manual gear operator is recommended