



Shanghai Tianfa Trading Co., Ltd.

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SWING CHECK VALVE CLASS 900Lb

MAIN PARTS AND MATERIALS

NO.	Part Name	Qty.	Material	NO.	Part Name	Qty.	Material
1	Body	1	WCB	9	Name Plate	1	304
2	Seat	2	A105+HF	10	Gasket	1	304+ Flexible Graphite
3	Disc	1	WCB+F6	11	Bonnet	1	WCB
4	Stem	1	WCB	12	Stud		A193 B7
5	Gasket	1	A276 410	13	Nut		A194 2H
6	Nut	1	A276 410	14	Eyebolt	1	A29 1035
7	Pin	1	A276 410	15	Gasket	1	1008
8	Rivet	2	304	16	Plug	1	A276 410

MAIN CONNECTION DIMENSIONS AND WEIGHTS

NPS d	in	2	2-1/2	3	4	6	8	10	12	14	16
	mm	47	57	73	98	146	190	238	282	311	358
L-L1 (RF-BW)	in	14.50	16.50	15.00	18.00	24.00	29.00	33.00	38.00	40.50	44.50
	mm	368	419	381	457	610	737	838	965	1029	1130
L2 (RTJ)	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12	40.88	44.88
	mm	371	422	384	460	613	740	841	968	1038	1140
d1	in	3.62	4.13	5.00	6.18	8.50	10.63	12.76	15.00	16.26	18.50
	mm	92	105	127	157	216	270	324	381	413	470
d2	in	6.50	7.50	7.50	9.25	12.50	15.50	18.50	21.00	22.00	24.25
	mm	165.1	190.5	190.5	234.9	317.5	393.7	469.9	533.4	558.8	615.9
D	in	8.50	9.62	9.50	11.50	15.00	18.50	21.50	24.00	25.25	27.75
	mm	216	244	241	292	381	470	545	610	640	705
b	in	1.50	1.63	1.50	1.75	2.20	2.50	2.75	3.13	3.38	3.50
	mm	38.5	41.5	38.5	44.5	56	63.5	70	79.5	86	89
n-φd	in	8-1.00	8-1.13	8-1.00	8-1.25	12-1.25	12-1.50	16-1.54	20-1.50	20-1.63	20-1.75
	mm	8-26	8-29	8-26	8-32	12-32	12-39	16-39	20-39	20-42	20-45
H (open)	in	8.45	10.24	10.24	12.60	15.04	20.87	22.05	23.23	24.80	27.56
	mm	240	260	260	320	382	530	560	590	630	700
WT (Kg)	BF	69	93	91	145	259	565	900	1200	1500	2130
	BW	52	74	70	112	218	448	733	975	1240	1760