



20		
19	HANDWHEEL NUT	35
18	BOLT	45
17	HANDWHEEL	QT400-17
16	STEM NUT	BRONZE
15	STEM NUT RETAINER	35
14	NIPPLE	BRASS+STEEL
13	NUT	A194 2H
12	EYEBOLT BOLT	A193 B7
11	PIN	410
10	GLAND FLANGE	WCB
9	GLAND	13Cr
8	PACKING	SOFT GRAPHITE
7	CAP	WCB
6	BOLT	A193 B7
5	NUT	2H
4	GASKET	410+GRAPHITE
3	STEM	F6a
2	DISC	WCB+13Cr
1	BODY	WCB

NPS	DN	L	D	D ₁	D ₂	b	f	z-φd	H	D ₀
1/2"	50	178	150	120.5	92	16	2	4-14	256	200
3/4"	65	190	155	125	97	17	2	4-14	275	200
1"	80	203	160	130	102	18	2	4-18	287	220
1 1/4"	100	229	175	140	112	20	3	4-18	323	240
1 1/2"	125	254	190	155	127	22	3	4-18	372	260
2"	150	267	205	165	137	24	3	8-18	395	280
2 1/2"	200	292	230	185	157	26	3	8-18	457	320
3"	250	330	265	210	182	28	3	8-23	552	360
3 1/2"	300	356	290	230	202	30	3	8-25	634	400
4"	350	381	315	245	217	32	3	8-25	708	400
4 1/2"	400	406	340	265	237	34	3	12-30	858	450

PRESSURE TEST (MPa)	
SHELL TEST	3Mpa
SEAT TEST	2.2Mpa
AIR TEST	0.6Mpa
APPLICABLE TEMPERATURE	-29~425°C

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