



Nominal pressure			1000Psi				
Test pressure	Shell test	10.4	Mpa	Test medium	Water	Test temperature	Normal temperature
	Seal test	7.6			Air		
	Gas seal test	0.6					
Applicable medium			Water, Oil, Gas				
Applicable temperature			-20~356°F				

NOTE:
 1. Design and Manufacture for valve according to ASME B16.34.
 2. Inspection and Test for valve according to API 598.
 3. The connection of screwed for valve according to ANSI B1.20.1.

15	NUT	1	A194 8
14	SPRING WASHER	1	304
13	HANDLE	1	STAINLESS STEEL
12	GLAND	1	304
11	PACKING	1	RPTFE
10	STEM WASHER	1	RPTFE
9	STEM	1	A276 316
8	NUT	-	A194 8
7	SPRING WASHER	-	304
6	HEXAGON HEAD BOLT	-	A193 B8
5	BODY	1	A351 CF8M
4	BALL	1	SS316
3	SEAT	2	RPTFE
2	GASKET	2	RPTFE
1	BONNET	2	A351 CF8M
NO.	DESCRIPTION	Q' TY	MATERIAL

NPS	L	d	NPT	Lo	H	Weight (lb)
1/4"	2.559	0.433	1/4"	3.740	1.909	0.860
3/8"	2.559	0.453	3/8"	3.740	1.909	0.816
1/2"	2.953	0.591	1/2"	4.134	2.126	1.124
3/4"	3.150	0.768	3/4"	4.724	2.579	1.433
1"	3.543	0.984	1"	5.512	2.835	1.918
1 1/4"	4.331	1.260	1 1/4"	5.906	3.189	3.527
1 1/2"	4.725	1.496	1 1/2"	6.693	3.780	4.277
2"	5.512	1.929	2"	7.283	4.134	6.548
2 1/2"	6.299	2.520	2 1/2"	8.662	4.724	12.236
3"	7.087	3.031	3"	10.630	5.295	17.196
4"	8.465	3.898	4"	12.402	6.181	28.594



MARK	BEFORE MODIFIED	AFTER MODIFIED	DATE
DRA.		APP.	
CHK.		DATE	

3PC Ball Valve
 1000PSI, NPT, RPTFE Seals
 WWW.DISCOUNTVALVES.COM