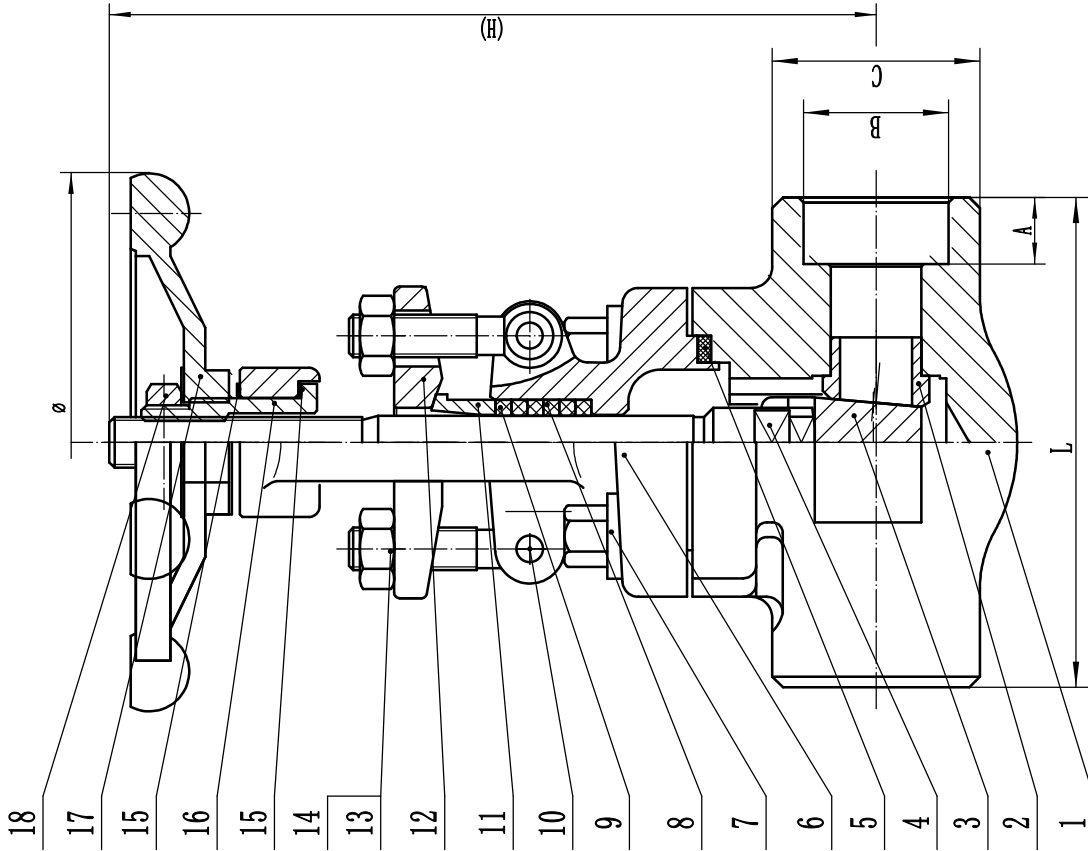


TECHNICAL REQUIREMENT

1. DESIGN AND MANUFACTURE AS PER API 602-2015;
2. SOCKET WELD CONNECTION AS PER ASME B16.11-2016;
3. TEST AS PER API 598-2016;
4. PRESSURE TEMP. RATING AS PER API 602-2015;

PERFORMANCE SPECIFICATION

NOMINAL DIAMETER	NOMINAL DIAMETER	
PN MPa	PN MPa	
APPLICABLE TEMP. °C	APPLICABLE TEMP.	
TEST PRESSURE MPa	SHELL (WATER)	SHELL TEST PRESSURE(MEDIUM)
	SEAL (WATER)	SEAL TEST PRESSURE(MEDIUM)
	LOW PRESSURE AIR SEAL	LOW PRESSURE AIR SEAL
BACK SEAT (WATER)	2.2/5.7/11.3/15	
APPLICABLE MEDIUM	APPLICABLE MEDIUM	



Nominal path	L	A	B	C	Ø	Hmin	Hmax
1/2"	79	9.5 ^{+0.5}	21.8 ^{+0.4}	Ø33	Ø100	142	158
3/4"	92	12.5 ^{+0.5}	27.2 ^{+0.4}	Ø39	Ø100	144	159.5
1"	111	12.5 ^{+0.5}	33.9 ^{+0.4}	Ø46	Ø120	167.5	188.5
1 1/4"	120	12.5 ^{+0.5}	42.7 ^{+0.4}	Ø49.5	Ø160	199	225.5
1 1/2"	120	12.5 ^{+0.5}	48.8 ^{+0.4}	Ø63	Ø160	214	248
2"	140	16.0 ^{+0.5}	61.2 ^{+0.5}	Ø76	Ø180	244.5	286.5

NO.	CODE	NAME	QTY	MATERIAL	COMMENT	
					UNIT PRICE	TOTAL WEIGHT
18		LOCK NUT		A194 2H		
17		HAND WHEEL		MALLEABLE CAST IRON		
16		STEM NUT		35		
15		GASKET		65Mn		
14		EYELET BOLT		A193 B7		
13		NUT		A194 2H		
12		PACKING PLATE		A105		
11		PACKING BUSHING		2Cr13		
10		PIN		45		
9		PACKING II		WIRE PACKING		
8		PACKING I		SOFT GRAPHITE		
7		BONNET BOLT		A193 B7		
6		BONNET		A105		
5		BONNET GASKET		201-SOFT GRAPHITE		
4		STEM		1Cr13		
3		DISC		2Cr13		
2		SEAT		2Cr13		
1		BODY		A105		

Far Valve

FORGED STEEL SOCKET GATE VALVE

150/300/600/800LB-1/2"-2".00