



NO.	PART NAME	MATERIAL	NO.	PART NAME	MATERIAL
8	Pin	ASTM A276 410	16	Hook screw	STEEL
7	Seat	ASTM A105+13C	15	Stud	ASTM A193 B7
6	Hing	ASTM A216 WCB	14	Nut	ASTM A194 2H
5	Nut	ASTM A194 2H	13	Bonnet	ASTM A216 WCB
4	Split cotter	C.S	12	Gasket	SS304+Graphite
3	Plain washer	C.S	11	Spring washer	65Mn
2	Disc	ASTM A216 WCB+13C	10	Bolt	ASTM A193 B7
1	Body	ASTM A216 WCB	9	Fork pore	ASTM A216 WCB

UNIT:MM

NPS	L	D	D1	D2	B	H	Z-φ
2"	292	165	127	92	25.4	174	8-φ19
3"	356	210	168.3	127	31.8	251	8-φ22
4"	432	275	215.9	157	38.1	313	8-φ25.4
6"	559	355	292.1	216	47.7	377	12-φ28.5
8"	660	420	349.2	270	55.6	462	12-φ32
10"	787	510	431.8	324	63.5	556	16-φ35
12"	838	560	489	381	66.7	606	20-φ35
14"	889	605	527	413	69.9	651	20-φ38
16"	991	685	603.2	470	76.2	743	20-φ41
18"	1092	745	654	533	82.6	805	20-φ44
20"	1194	815	723.9	584	88.9	862	24-φ44
24"	1397	940	838.2	692	101.6	977	24-φ51

DESIGN & MFT	BS1868/API6D	ENDS CONNECTION	RF
PRE-TEMP RATING	ASME B 16.34	INSPECT & TEST	API 598
F-F DIMENSION	ANSI B 16.10	FLANGED DIMENSION	ANSI B 16.5
MARKING	MSS-SP-25	FIRE SAFE DESIGN	—
PAINTING	TAB	SPE REQUIREMENTS	N.A

TEST PRESSURE

API 598	Shell	Seat	MPa
Hydrotest	16.5	12.1	
Air			

SALES DRAWING			
ANSI 600			
SWING CHECK VALVE			
REVISION	BY	DATE	Dwg NO. H44H-600LB
REVISION	BY	DATE	
REVISION	BY	DATE	

