



ITEM NO.	SIZE	Dimension Unit: mm							
		L±1.6	d±0.5	D ^{+0.4} ₀	L1±0.5	FNPT	B±5	H±5	ISO 5211
5	1/2"	95.0	Ø11.0	Ø21.8	10.0	1/2"	160.0	85.0	F04
6	3/4"	105.0	Ø14.0	Ø27.2	13.0	3/4"	160.0	92.0	F04
7	1"	120.0	Ø20.0	Ø33.9	13.0	1"	180.0	104.0	F05

Products Performance Specification			
Test Pressure	Shell	20.5	MPa
	Backseat	—	
	High-Pressure Closure	—	
	Low-Pressure Closure	0.6	
Test Temperature		-29~38	°C
Medium: water oil&gas			

APPLICABLE STANDARDS
 BASIC DESIGN: API 608&ASME B16.34
 SOCKET WELDING DIMENSION : ASME B16.11
 SCREWED ENDS DIMENSION : ASME B1.20.1
 TEST AND INSPECTION : API 598

10	DISC SPRING	304 SS			
9	GLAND	A276 316			
8	PACKING	Graphite (Low emission)	18	THRUST WASHER	R-PTFE
7	BOLT	A193 B7M	17	ANTI-STATIC	316 SS
6	GASKET	316+Graphite	16	LOCATING PIN	304 SS
5	STEM	A182 F316	15	CAP SCREW	304 SS
4	BALL	A182 F316	14	O-RING	VITON AED
3	SEAT RING	R-PTFE	13	LOCKING NUT	316 SS
2	BONNET	A105N	12	HANDLE	A216 WCB
1	BODY	A105N	11	LOCATING PLATE	304 SS
NO.	Denomination	Material	NO.	Denomination	Material

TITLE
 BALL VALVE,800LB,SWXFNPT,A105N,TRIM 10#/R-PTFE,REDUCED BORE,NACE

DESIGNED BY		Bosseal Valve(Suzhou) Co., Ltd	
CHECKED BY			
STANDARD BY			
APPROVED BY			
PART NO	SQ15-258BSTA105N-10N	DATE	

Bosseal Valves