


Technical Requirements

1. Face-to-face dimension standard as to: MFR-STD
2. Flange dimension conforms as to: ASME B16.5
3. Testing record as to: API 598
4. Pressure-temperature conforms as to: ASME B16.34

Performance Standard		
Nominal Bore	2'-6"	NPS
Nominal Pressure	300	Lb
Pressure test		
Shell Test	7.5	MPa
Seal Test	5.5	
Backseat test	/	
Air Test	/	
Working Temperature	-29°C ~ 120°C	
Suitable Medium	W. O. G.	

NO.	Name	Material
1.	Cap	ASTM A105
2.	Restriction Orifice	A182 F316
3.	Cover	ASTM A105
4.	Gasket	NBR
5.	Floating ball	A276 SS316
6.	Body	A216 WCB
7.	Buffer bracket	A276 SS316
8.	Bolt	A193 B7
9.	Nut	A193 2H
10.	Bolt	A193 B7
11.	Nut	A193 2H

SIZE NPS	SIZE		b	N-φ	b
	H	D			
2"	350	165	21	8-φ19	1.6
2.5"	380	190	24	8-φ22	1.6
3"	380	210	27	8-φ22	1.6
4"	400	255	30.5	8-φ22	1.6
6"	480	320	35	12-φ22	1.6

Triple effect Air Vent		SBM Provaltec