



Titanium Tanjalum Products Limited

Estd. in 1981. An ISO 9001 - 2000 Company

BALL VALVE TECHNICAL DATA SHEET				
300# FULL PORT BALL VALVE (3 PIECE CONSTRUCTION) - STUB END WITH SS LAP FLANGE			Model	FPBV3 300 RF
STANDARDS				
Valve Design	Flange	Face to Face	Testing	Fire Test
BS:5351/API 608	ASME B 16.5	ASME B 16.10	BS:6755 PART-1 / API 598	BS:6755 PART-2 / API 607

DRAWING	MOC		
	ITEM No.	DESCRIPTION	MATERIAL
	1	Body	Ti. Gr.2
	2	Body End	
	3	Tail Piece	
	4	Stub End	
	5	Ball	
	6	Stem	
	7	Gland Bush	PTFE
	8	Gland Nut	
	9	Lever Nut	
	10	Seat Ring	
	11	Gasket	SS 316
	12	Thrust Washer	
	13	Gland Packing	
	14	Lever	
	16	Line Flange	
	17	Stopper Plate	
	18	Stud & Nut	

SALIENT FEATURES

* Robust Design	A rugged constructed valve with metal secondary seat for fire safe design Precision machined for control accuracy & Outstanding Service Ti ball valves are provided ready to use condition
* Solid Floating Ball	
* Reverse Stem & Secondary Metal Seat	
* Anti Satic Provision & Tight shut-off	
* Low Operational Torque & Long Life	

DIMENSIONS

ALL DIMENSIONS ARE IN mm UNLESS STATED

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"	8"	10"	12"
Face to Face (L)	140	152	165	178	190	216	241	283	305	403	502	568	648
H (approx)	60	75	85	90	105	125	150	180	215	285	340	375	425

TESTING DETAILS

OPTIONS

UNIT	HYDROSTATIC TEST		AIR SEAT	Face to Face	DIN & BS
	SHELL	SEAT		Flange Drilling	ANSI, BS, DIN, JIS
Kg/Sq.Cm	80	50	7	Operation	Lever, Pneumatic, Electrical actuator. Valves 6" & above are gear operated.
PSIG	1125	725	100	* Seals & Gaskets are optional. * Metal seated valves & other MOCs offered upon request.	

TEC:VALVE:01



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Titanium Tanjalum Products Limited

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BALL VALVE TECHNICAL DATA SHEET				
300# REDUCED PORT BALL VALVE (3 PIECE CONSTRUCTION) - STUB END WITH SS LAP FLANGE			Model	RPBV3 300 RF
STANDARDS				
Valve Design	Flange	Face to Face	Testing	Fire Test
BS:5351/API 608	ASME B 16.5	ASME B 16.10	BS:6755 PART-1 / API 598	BS:6755 PART-2 / API 607

DRAWING	MOC		
	ITEM No.	DESCRIPTION	MATERIAL
	1	Body	Ti. Gr.2
	2	Body End	
	3	Tail Piece	
	4	Stub End	
	5	Ball	
	6	Stem	
	7	Gland Bush	PTFE
	8	Gland Nut	
	9	Lever Nut	
	10	Seat Ring	
	11	Gasket	SS 316
	12	Thrust Washer	
	13	Gland Packing	
	14	Lever	SS 316
	16	Line Flange	
	17	Stopper Plate	
	18	Stud & Nut	

SALIENT FEATURES

* Robust Design	A rugged constructed valve with metal secondary seat for fire safe design Precision machined for control accuracy & Outstanding Service Ti ball valves are provided ready to use condition
* Solid Floating Ball	
* Reverse Stem & Secondary Metal Seat	
* Anti Satic Provision & Tight shut-off	
* Low Operational Torque & Long Life	

DIMENSIONS

ALL DIMENSIONS ARE IN mm UNLESS STATED

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"	8"	10"	12"
Through out Bore	9	12.5	17	23	28	36	50	57	75	98	144	187	228
Face to Face (L)	140	152	165	178	190	216	241	283	305	403	502	568	648
H (approx)	55	60	75	85	90	105	125	150	180	215	285	340	375

3" Reduced Port - 3 x 2 & 3 x 2 1/2

TESTING DETAILS				OPTIONS	
UNIT	HYDROSTATIC TEST		AIR SEAT	Face to Face	DIN & BS
	SHELL	SEAT		Flange Drilling	ANSI, BS, DIN, JIS
Kg/Sq.Cm	80	50	7	Operation	Lever, Pneumatic, Electrical actuator. Valves 6" & above are gear operated.
PSIG	1125	725	100	* Seals & Gaskets are optional.	
* Metal seated valves & other MOCs offered upon request.					

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