



'Fluid control' the Complete solution from one source !

Universal Engineering

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LINED BALL VALVE

Item Specification

Part no.	Item	Material Spc.	QTY
1	Body	DI/CI/SGI/WCB/SS- 304.316	1
2	Lining	PFA/FEP/PP/PVDF/HDPE	1
3	Fastener	SS-304.316	1
4	Seat	PTFE	2
5	Ball	SGI/WCB/SS-304,316	1
6	Wedge bush	PTFE	1
7	Cap	WCB/SS-304,316	1
8	Handle	WCB/SS-304,316	2

Note:

- 1.All dimensions are in mm.
- 2.Lining thickness is 3 to 5 mm.
3. Flange and f to f dimensions are as per ANSI B 16.5 150#

Testing and Inspection:

Part no.	Testing	
1	Visual check	As per API 598
2	Hydro test for shell	20 kg/cm ²
3	Hydro test for seat	10 kg/cm ²
4	Pneumatic test	6 kg/cm ²
5	Spark test	10 KVA DC

Dimension Specification

SIZE	ØOD	ØID	F to F	ØRF	T	ØPCD	ØHX nos.
15NB	Ø89	Ø15	108	Ø35	11	Ø60.4	Ø16 x 4
20NB	Ø98.5	Ø20	117	Ø43	12.7	Ø69.8	Ø16 x 4
25NB	Ø108	Ø22	127	Ø50.8	14.3	Ø79.2	Ø16 x 4
40NB	Ø127	Ø38	165	Ø73.2	17.5	Ø98.6	Ø16 x 4
50NB	Ø152.4	Ø47	178	Ø92	19	Ø120.7	Ø19 x 4
65NB	Ø177.8	Ø65	190	Ø104.6	22.3	Ø139.7	Ø19 x 4
80NB	Ø190.5	Ø76	203	Ø127	24	Ø152.4	Ø19 x 4
100NB	Ø228.6	Ø69	229	Ø157	24	Ø190.5	Ø19 x 8
150NB	Ø279.4	Ø142	267	Ø216	25.4	Ø241.3	Ø22.5 x 8
200NB	Ø342.9	Ø200		Ø269.7	28.4	Ø298.4	Ø22.5 x 8

All dimensions are in M.M.

