

Ball Valve Datasheet

Document details					
	1	Document Number	-	XDN.E.0053-000-DS-0001	-
	2	Revision	-	0	-
	3	Date	-	01/12/2025	-
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	5	Approver	-	P. Vilakazi	-
General					
NB 65	6	Valve identification	-	BV	-
Process					
NB 65	7	Fluid	-	Deisel	-
	8	Pressure, Operating	kPa (g)	300	-
	9	Pressure, Design	kPa (g)	350	-
	10	Temperature, normal	°C	20	-
	11	Temperature, Max Design	°C	50	-
	12	Temperature, Min Design	°C	0	-
Design					
NB 65	13	Valve Type	-	Flanged ball valve	-
	14	Design code	-	ASME B16.34	-
	15	Dimensional standard	-	ASME B16.10	-
	16	Body assembly design	-	Bolted	-
	17	Bore Port	-	Full Bore	-
	18	Ball design	-	Floating type	-
	19	Lockable (Y/N)	-	Yes	-
Construction					
NB 65	20	Ends	-	Flanged ASME B16.5 CLASS 150 RF	-
	21	Face to Face Dimension	mm	203	-
	22	Lever length	-	VTC	-
	23	Mass	kg	VTC	-
	24	Lifting lugs	-	No	-
Material					
NB 65	25	Body	-	CF8M	-
	26	Body-Bonnet bolting	-	Stainless Steel	-
	27	Stem	-	316 SS	-
	28	Ball	-	316 SS	-
	29	Seat	-	PTFE	-
	30	Seat Insert	-	PTFE	-
	31	Seat ring	-	316 SS	-
	32	Springs	-	316 SS	-
Seals					
NB 65	33	Stem packing	-	PTFE	-
	34	Stem seal	-	Laminated Graphite	-
	35	Body-Bonnet gasket	-	Spiral Wound Graphite	-
	36	Body	-	Solid Graphite	-
	37	Seat	-	Solid Graphite	-
Quality					
NB 65	38	Inspection and testing	-	API 598	-
	39	Fire test	-	API 607	-
	40	Hydrostatic test pressure	kPa (g)	2940	-
	41	Certificate of compliance	-	API 598	-