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## SPECIFICATION BALL VALVE 600LBS API 6D TRANSPORT & DEPOT (NEN-3650 & PED 2014/68/EU)

1	Valve Data	Service	Kerosene / Diesel
2		ASME Class	600Lbs
3		Nominal size	2" - 12"
4		Design pressure	100 Bar (ASME B16.34)
5		Design temperature	Minus 20°C to 50°C
6		End connection	Flanged ASME B16.5 Raised Face
7		Design code	API SPEC 6D
8		Fire Safe	API 6FA / API 6FD / API 607 / ISO 10497
9		Face to face dimension	ASME B16.10
10		Valve type	Through Conduit (piggable) and Double Isolation and Bleed (DIB-1)
11		Construction	Floating ball for diameters up to 4" and Trunnion for 6" and above
12		Design	Stem packing adjust bolt (Topwork shall not influence stem sealing)
13		Operation	Handwheel / actuator / gear (specified upon purchase)
14		Stem extension	Applicable with actuator (specified upon purchase)
15	Materials	Body	ASTM A216 WCB with sharp test or equivalent (ASTM A350 LF2)
16		Ball	Stainless steel 304 (18Cr-8Ni), Solid non-plated ball
17		Stem	410 (13Cr), Blow-out proof design
18		Stem package	Graphite
19		Bolts	ASTM A193 B7
20		Nuts	ASTM A194 2H
21	Paint	RAL 6003, applied after inspection & pressure test	
22	Other	NATO specific	Valve to be assembled and tested in a NATO member country
23		Inspection & pressure test	API 6D / ISO 14313. High pressure test is witnessed by DPO employee
24			or an appointed representative.
25		Documents	- EU Certificate of Conformity acc. to PED 2014/68/EU
26			- Material certificates on pressure boundary parts
27			acc. to NEN-EN 10204:2004 3.1 (English or Dutch language)
28			- Technical drawing and spare parts list
29			- Installation and maintenance manuals (in Dutch language)
30	Spareparts	Availability guaranteed for at least 15 years	
31	Remarks	- Nipple connections to be outfitted with Sealweld® Flow Wolf Quadseal fittings.	
32		- Drains and vents to be outfitted with Sealweld® TC3 Style fittings.	
33		- API 6D HP ball valve is for all services applicable.	
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