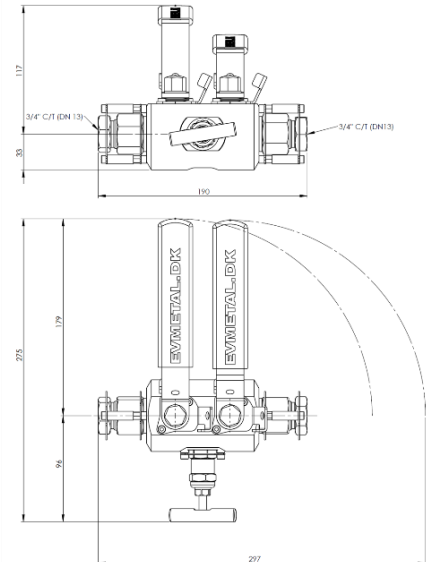
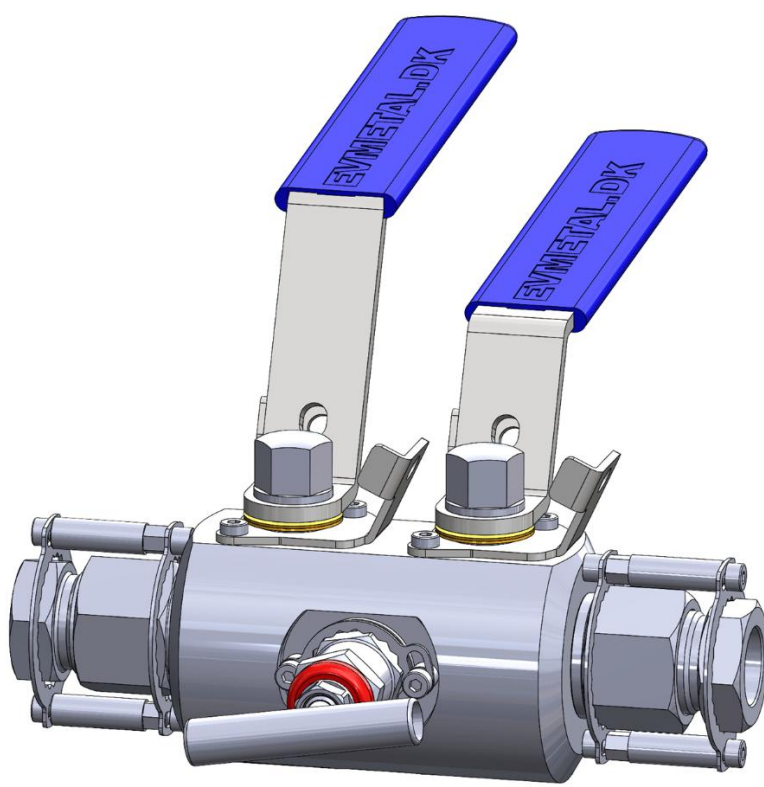


Manufacturer: EV METALVÆRK A/S RIBOVEJ 1, DK 6950 RINGKØBING DENMARK. www.evmetal.dk	Data sheet: Double Block and Bleed valve DBB valve	Pages: Two Date: 28-05-2025 Rev. 00 Article number: 1000-805
Subject	Product data	Description
Nominel pressure PN	6.500 psig (448 barg) @20°C.	Double Block & Bleed valve with anti-vibration glands. Antistatic design according to EN 12266-2 F21 and F22.
Design pressure:	6.500 psig (448 barg) @20°C.	
Static pressure test: PT (1,5xPN)	9.750 psig (672 barg) @20°C.	
Seat test: (1,1 x PN)	7.150 psig (493 barg) @20°C.	
Valve type:	Double Block & Bleed (Ball/Needle/Ball)	Design standards
Lockable: (yes, standard)	Ball valves can be locked in open position, or in closed position by strip or padlocks.	PED, ASME B16.34, API6D, (API6A acc. to customer spec., only) PED 2014/68/EC.
Needle valve:	Anti-static, non-rotating stem.	Overall dimensions, millimeters:
Ball valve:	Floating ball.	
Valve bore: (Needle valve)	5,1 mm	
Valve bore: (Ball valve1)	½"	
Valve bore: (Ball valve2)	½"	
Design temperature: Tmin/Tmax	-29°C to +121°C.	
Materials: (STANDARD)		
Valve body:	EN 1.4404 (AISI316L)	
spindle/stem-tip:	EN 1.4404	
Contactor (anti-static design):	CW306G	
Coil spring (anti-static design):	Inconel®	
T-bar and Handles:	EN 1.4404	
Bonnet:	EN 1.4404	
Crown:	EN 1.4404	
Ball glands:	EN 1.4404	
Valve balls	EN 1.4404	
Tube glands	EN 1.4404	
Anti vibration fixtures	EN 1.4404	
Gaskets:	PTFE + Carbon/PCTFE	
O-ring:	HNBR	
Laser marking (body):	According to PED 2014/68/EC	
Inlet:	¾" Autoclave, Cone/Thread (C/T)	
Outlet:	¾" Autoclave, Cone/Thread (C/T)	
Ventilate:	½" NPTF/ASME B1.20.1	
Medium/fluid:	Crude Oil, Hydraulic oil, Water, Inert gas.	
Tests:	Shell test (1,5 x PN) Seat tightness test (1,1 x PN)	Custom made solutions
		Connections and materials can be changed according to customer's request.



Documentation package: EN 10204-3.1 material certificate on pressure carrying/wetted metallic parts. GA drawing with BOM. Bill of materials with reference to charge numbers. Material certificates. Hydrostatic test report. Anti-static test report. Declaration of conformity. IOM.	According to customer's request.	For 100% documentation package, please contact EV Metalværk A/S.
Drawing: 		Diagram: 