
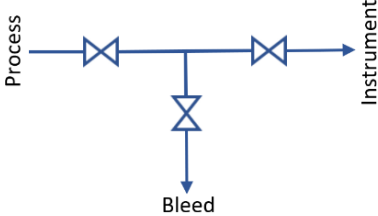


Manufacturer: EV METALVÆRK A/S RIBOVEJ 1, DK 6950 RINGKØBING DENMARK. www.evmetal.dk	<h2 style="margin: 0;">Data sheet:</h2> Chemical Injection Manifold.	Page: 1/1 Date: 01.03-2023 Rev. 02 Article numbers: 1000-520 (NPT pipe) 1000-531	
Subject	Product data	Description	
Max. working pressure:	10.000 psig	3-way manifold, manually operated double block and bleed needle valve.	
Valve type:	Double block and bleed needle valve.		
Valve stem:	Anti-static, non-rotating stem	What is the manifold used for? The manifold is mounted on the chemical injection inlet on the wellhead outlet. It works as a shut off valve for fluids in fluid group 1 and 2, according to the pressure directive (2014/68/EU), in high pressure systems. The manifold allows for isolation of the chemical injection line. The valve was introduced as galvanic corrosion was seen in the wellhead outlet resulting in leaks.	
Valve bore:	5,1 mm		
Design pressure:	10.000 psig		
Design temperature: Tmin/Tmax	-20° Celsius / +130° Celsius,		
Dimensions, connections:	½" or ¾" Acc. to ANSI/ASME B 1.20.1 NPT.		
Materials: Pressure retaining parts:			
Body:	1.4547 / 254 SMO		
Flange:	CS 25CrMo4 (ISO painted, RAL 7030)		
Stem:	1.4547 / 254 SMO		
Handle (Ø50mm, lockable with padlock):	1.4404/AISI316L		
Seals, O-rings:	PTFE		
Protective coating (RAL 7030)	ISO 12944-6, SA3 ISO 8501-1.		
Overall dimensions:	Please ask for GA with BOM		
Laser marking (body):	According to PED		
Material certificate:	EN 10204-3.1	Unique design	
Valve ends, Art.#: 1000-520 (ext. pipe) Inlet / Outlet / Ventilate	½" NPTF/ ½" NPTM/ ½" NPTF	The problem of corrosion between the platform wellhead - usually made of carbon steel - and the valve manifold is eliminated as the outlet flange is electrically isolated from the manifold body by a unique design. Furthermore, the valve manifold is protected against crevice-corrosion by our patented design specially developed for environments with high ambient temperature and high chloride contents.	
Valve ends, Art.#: 1000-531 Inlet / Outlet / Ventilate	¾" NPTF/ ½" NPTF/ ½" NPTF		
Medium/fluid:	Various chemicals		
Tests:	Shell test (1,5 x PN) Seat tightness test (1,1 x PN)		
Documentation:	Pressure test certificate Leak test certificate Declaration of conformity (PED) GA with BOM		
Article #: 1000-520 / #: 1000-531	Diagram:		
			
			Optional:
			Other inlet connection and outlet connection can be ordered on request. Ø70mm round handles on request.