MONOFLANGE SDBB Valves

Oil & Gas

PATENT#: PR178285

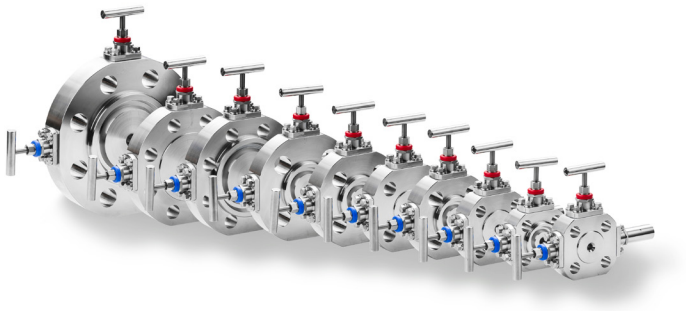
DESIGN

One piece design, Metal-to-Metal-seal, Salt spray resistant according to ISO 9227-wet/dry. Full material traceability, T-Bar operated, Split stem with non rotating tip, Low operating torque, 5.1 mm orifice, Antistatic design acc. to EN 12266-2, Fire safe design by full open (API6FA tested).

Anti crevice corrosion by design

SIZE/CLASS (Lbs)

#150, #300, #600, #900, #1500, #2500



TECHNICAL DATA

Subject	Data
Design pressure:	Up to 6250 Psi (431 bar) depending on class, size and standard
Max. design temperature: Min. design temperature:	392°F (204°C) Depending on material type -150°F (-101°C) Depending on material type
Threads:	½" - 2" (according to class size and standard)
Materials list:	Valve body: AISI316L or SAF2205 or SAF2507 or 254SMO. Stem/stem tip: Same as valve body, hardened. Top piece: Same as valve body. Gasket: PTFE+carbon Stem seal: PTFE+carbon/PEEK Dust caps: PTFE (color: red/blue/green) - manufactures standard Bonnet: Same as valve body Bolts for bonnet: SAF2507 (standard on all body materials) T-bar handle + topscrew: AISI316.
Safety Factor:	4:1
Laser marking (body):	Item no., Material no., Max. pressure, Serial no.
Material certificate:	NORSOK-M650 MDS T01, NACE MR 0175/ISO 15156, AD Merkblatter WO/TRD100
PED classification:	PED 97/23EC Annex 2, table 6
Antistatic design:	EN 12266-2
Protection:	Anti crevice corrosion by design
Medium:	Mineral oil, HC gas, Sour gas - H_2S, various chemicals (SAF2507/254SMO)
Tests:	Shell burst test 1,5 times working pressure, ASME B16.34 Seat tightness test with Helium acc. to EN 12266-1 /ISO5208 Salt spray test (Acc. to: ISO 9227-wet/dry)
Certification/Documentation: Standard	Pressure test certificate Leak test certificate Declaration of conformity and marking (PED) Drawing with main dimensions with BOM for spare parts Fire test certificate (API6FA)
Standards:	ASME B.16.34, MOTS16 and EV Metalværk technical standard Threads NPT: ASME B1.20.1 Connections (flange): ASME B16.5 Valve Bore: 5.1 mm (manufactures standard)

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