MONOFLANGE INSTRUMENT VALVES

PATENT PENDING NO: 2015 70100

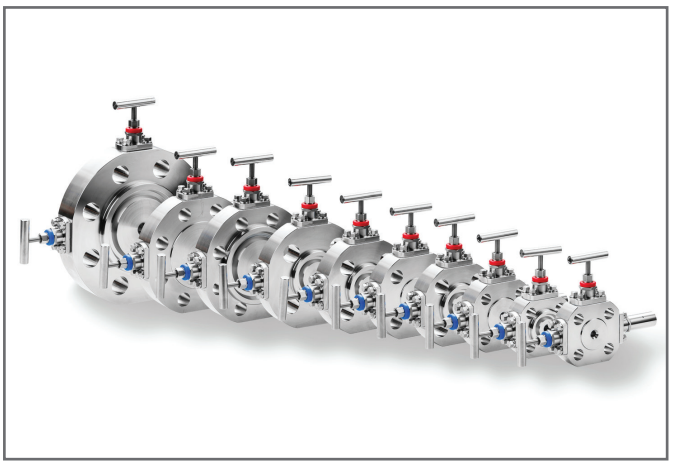
DESIGN:

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.

Anti crevice corrosion by design

SIZE/CLASS (Lbs):

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



TECHNICAL DATA:

Subject:	Data:
Working pressure:	Up to 6500 Psi (448 bar) depending on class, size and standard
Maximum temperature: Minimum 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 (by choice)	AISI316L (W#1.4404), Duplex (SAF2205), Super Duplex SAF2507 or 254SMO Stem: (hardened) Plug: (hardened) Gasket: PTFE Stem seal: PTFE/PEEK Dust caps: PTFE (color: red/blue) - manufactures standard (These caps can be changed to other colors on request)
Safety Factor	4:1
Laser marking (body and bonnet):	Item no., Material no., Max. pressure, Serial no.
Material cert.	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 acc. to EN 12266-1 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 BOM for spare parts
Standards:	ASME B.16.34, MOTS16 and EV Metalværk technical standard Threads NPT: ASME B1.20.1 Connections (flange): ASME B16.5

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