

PRESSURE TEST EQUIPEMENTS

1" 300 bar TURBINE FLOWMETER





SubSea Solution

HO11/4X11/4-6-93-C-1MX-W25 SS-SP SERVICE FLUID: SEA WATER
VISCOSITY: 1 CSTK
LINEAR FLOW RANGE: 6 TO 93 GPM (22.71 TO 352.04 LPM)
REPEATABLE FLOW RANGE: 3 TO 115 GPM (11.36 TO 435.32 LPM)
LINEARITY: $\pm 0.5\%$ OF READING ($\pm 0.25\%$ TYPICAL) OVER TABULATED LINEAR FLOW RANGE.
REPEATABILITY: $\pm 0.1\%$ ($\pm 0.05\%$ TYPICAL) OVER TABULATED REPEATABLE RANGE.
CONSTRUCTION: 316 STAINLESS STEEL WITH 17.4 PH ROTOR.
END FITTING: 1 1/4" 316/316LSS DUAL RATED, 2500# FLANGE WAFER.
BEARINGS: HARD CARBON COMPOSITE SLEEVE BEARING
RISER AND EXPLOSION PROOF ENCLOSURES: 1" MNPT RISER, WELDED TO BODY, REQUIRED FOR ALL TYPE OF ENCLOSURES
ALLOWABLE PARTICLE SIZE: 80 MESH (.007 INCHES)
PICKUP COIL: MAGNETIC TYPE
CALIBRATION: SUPPLIED WITH 10 POINT 1 CENTISTOKE CALIBRATION WITH THE TOP AND BOTTOM POINTS REPEATED, N.I.S.T. CERTIFIED.
CALIBRATION RANGE:
(UNLESS OTHERWISE SPECIFIED) 6 TO 93 GPM (22.71 TO 352.04 LPM)
SPECIAL OPTION: SP = SOLID NICKEL ROTOR AND WELDED HANGERS

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| F118-P | Flowrate / Totalizer with linearisation, Alarm / Pulse & 4-20mA output |
| AP | Passive 4-20mA output - (Loop powered via 4-20 out) |
| HS | GRP field enclosure - IP67 / NEMA 4X Stem mounted eg Hoffer |
| OT | Passive transistor output x2 - |
| PB | Lithium battery Safe Area Applications |

SPECIFICATIONS

Overrange: 150% of maximum flow (intermittently).

Linearity: $\pm 0.5\%$ of reading ($\pm 0.25\%$ typical) over tabulated linear flow range.

Repeatability: $\pm 0.1\%$ ($\pm 0.05\%$ typical) over tabulated repeatable range.

Pressure Drop Characteristics: 4 to 5 PSI at maximum linear flow rate at one CSTK.

Available Turn Down Range: 10:1 to 100:1.

Available Temperature Range: -450°F to +450°F Standard. High temperature option to +850°F. Refer to various flowmeter configurations for pressure ratings, outline dimensions and available sizes.

End Fittings: Available in NPT, MS flared and flanged styles. Other types available on request.

Bearing Styles: Ceramic hybrid ball bearings, sleeve bearings in tungsten carbide, teflon and hard carbon composite are available.

Materials: 316 stainless steel standard. Consult with applications group for corrosive applications. Broad material list available.