

DN5 SERIES INTERFACE VALVE HYDRAULIC CONTROL VALVE



- Specifically designed for Severe Offshore Environments
- ATEX 94/9/EC
- M.T.B.F., SFF, PFD and SIL Data (Available upon request)
- Easy Installation, Repair and Replacement
- 316 Stainless Steel construction
- 3 Ports, 2 Positions, Normally Closed
- 690 bar Max Operating Pressure
- Ambient Temperature Range -50°C to +60°C
- Block Before Bleed Function
- Leak tight
- 15 litres/min

CERTIFICATION OPTIONS AVAILABLE



General Description

The DN5 High Pressure Hydraulic Interface Valve provides a reliable, high quality, cost effective solution for Wellhead Controls. The rugged piston operator and ball seated design, ensures a leak tight shut off and positive control. The DN5 Interface Valve can also be supplied with a variety of operators, for a wide range of pressures and ambient temperatures (see coding chart).

The DN5 High Pressure Hydraulic Interface Valve can be individually in-line mounted or subplate/multi-station manifold mounted with integral cartridge check, flow control, and pressure relief valves, to provide a compact, cost effective, weight and space saving solution, for multi-well panels.

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Ambient Temperature Range

- Standard: -20°C to +60°C (-4°F to +140°F)
- Low temperature option: -50°C (-58°F)

Ingress Protection

- IP66/NEMA 4X

Filtration

- Recommended 10 micron absolute

Construction Materials

- Valve body: 316L Stainless Steel
- Wetted parts: Stainless steel
- Seals: Rubber (Viton/PTFE)

Air Pilot Pressure

- Minimum: 2.0 bar (44 psi)
- Maximum: 12 bar (174 psi)

Ports NPT

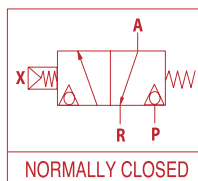
- Hydraulic Port Connections ¼" NPTF
- Air Pilot Port Connection ¼" NPTF

Nominal Flow Rate

- 15 LPM @ 10 bar DP
- $C_v = 0.33$

Operating Medium

- Fluids - Suitable for use with Mineral Oils,
Water Glycols and Synthetic oil



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SCHEMATICS

