

FINE CONTROLS (UK) LTD



Fine Controls have been supplying process controls & instrumentation equipment since 1994, & now serves an ever expanding customer base, both in the UK & globally.

We offer a full range of valve & instrumentation products & services, with our product range representing leading technologies & brands:

Flow: Flow Meters & Transmitters, Flow Switches, Flow Control Valves & Batch Control Systems

Temperature: Temperature Probes & Thermowells, Temperature transmitters, Temperature Regulators & Temperature Displays

Level: Level Transmitters & Switches

Pressure: Pressure Gauges & Transmitters, Precision & High Pressure Regulators & I-P Converters, Volume boosters.

Precision Pneumatics: Pressure Regulators, I-P Converters, Volume Boosters, Vacuum Regulators

Valves: Solenoid & Pneumatic Valves, Control Valves & Positioners, Actuated Ball, Globe or Diaphragm Valves & Isolation Valves

Services: Repair, Calibration, Panel Build, System Design & Commissioning

 A rotork® Brand
FAIRCHILD



bürkert



SIEMENS



alcon
SOLENOID VALVES

A rotork® Brand



MIDLAND-ACS
A rotork® Brand



Honeywell



 **Bourdon**
Baumer Group



SOLDO
CONTROLS

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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.

DN5 SERIES INTERFACE VALVE HYDRAULIC CONTROL VALVE

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

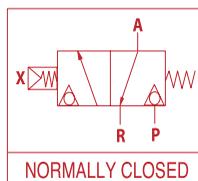
- Hydraulic Port Connections ¼" NPTF
- Air Pilot Port Connection ¼" NPTF

Nominal Flow Rate

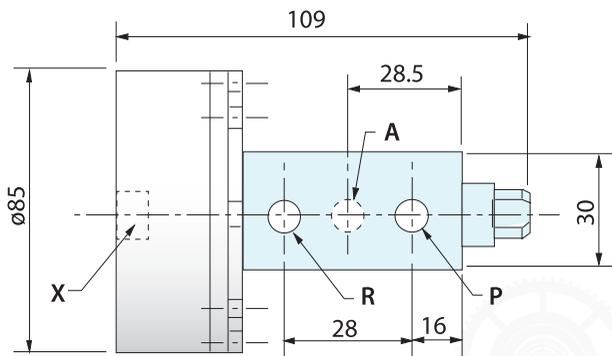
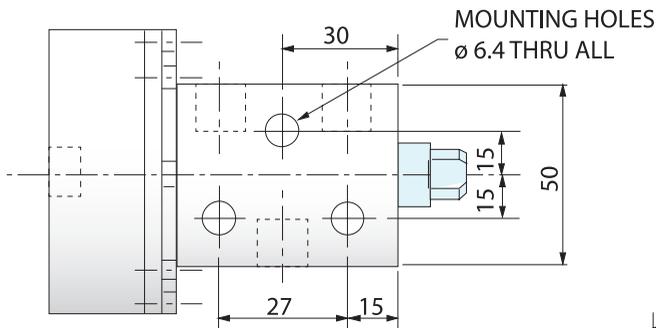
- 15 LPM @ 10 bar DP
- Cv = 0.33

Operating Medium

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



DN5 SERIES INTERFACE VALVE SCHEMATICS



CERTIFICATION OPTIONS AVAILABLE



Operating Pressure for
Interface valve

