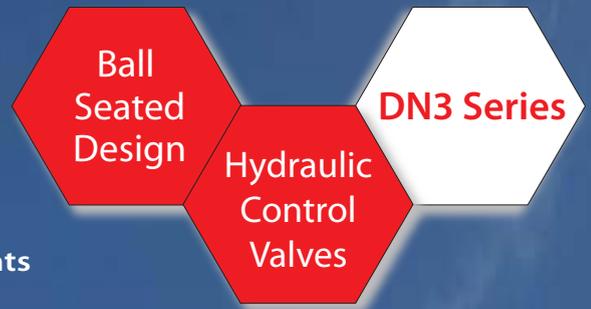
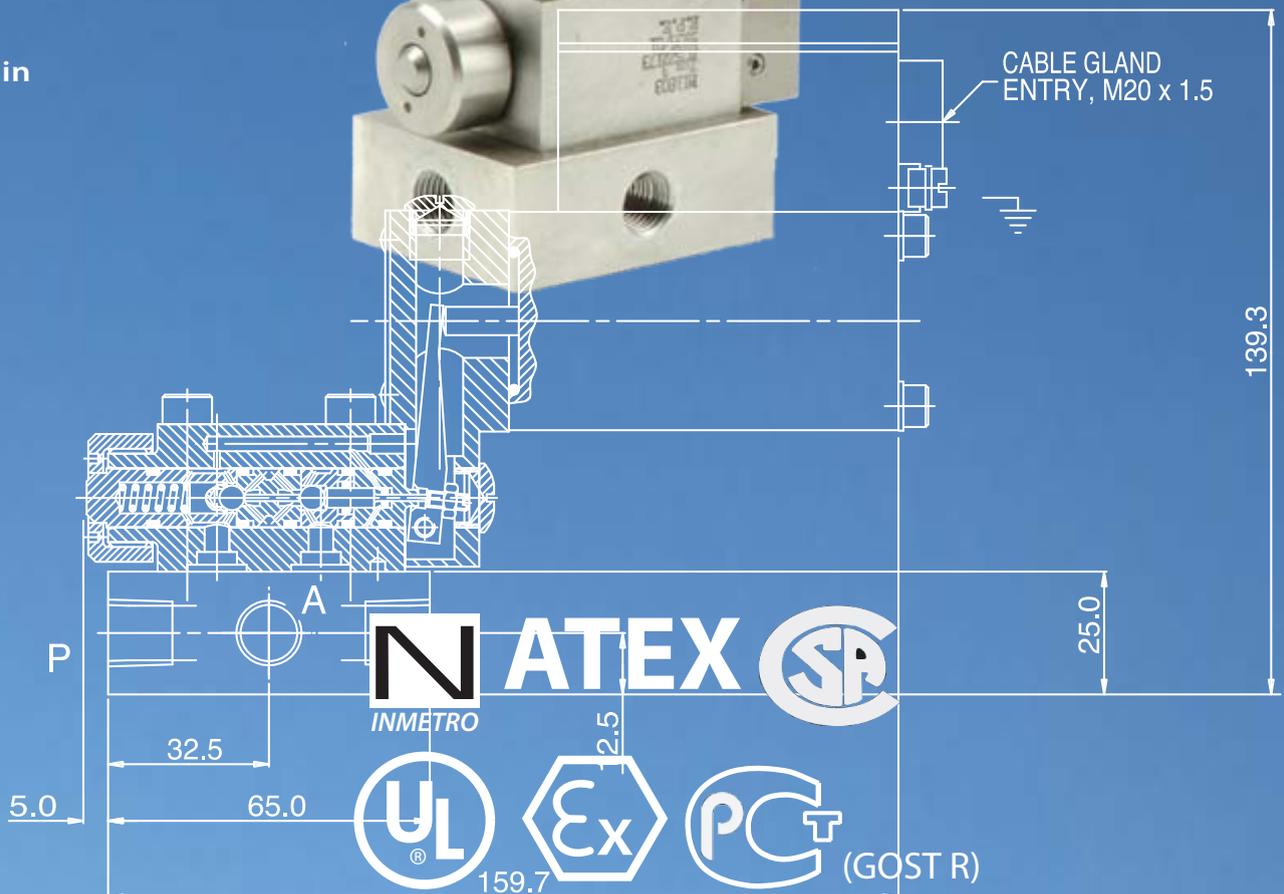
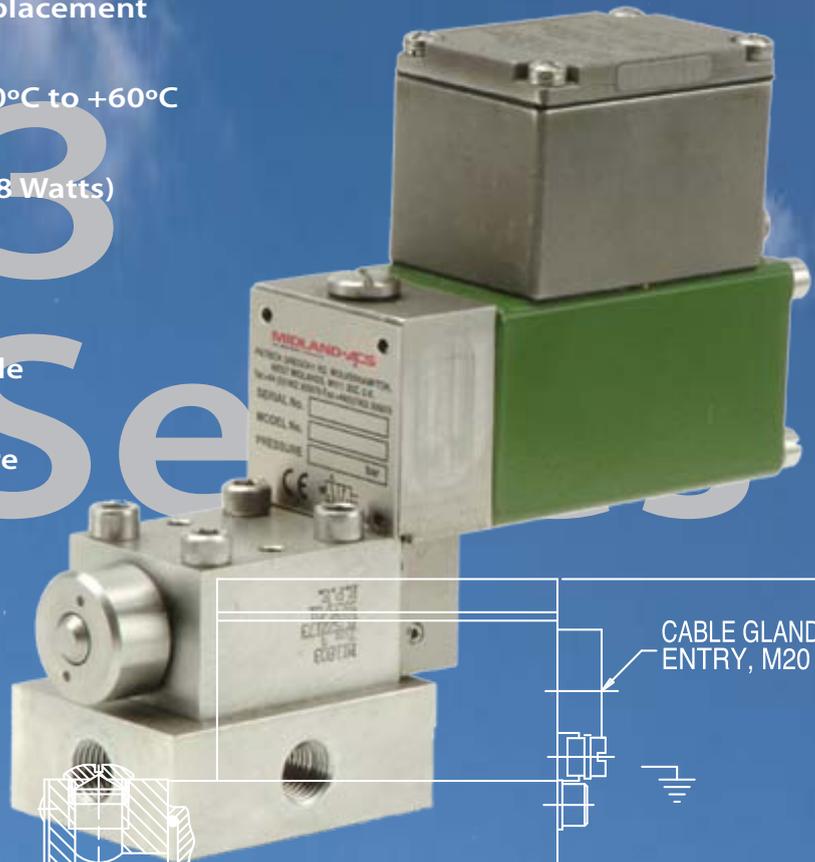


Severe & Hazardous Area Experts



- Specifically designed for Severe Offshore Environments
- Certified for Zone 1, Division 1 Hazardous Areas
- ATEX 94/9/EC
- M.T.B.F., Lambda and SIL Data (Available upon request)
- Easy Installation, Repair and Replacement
- Ambient Temperature Range -50°C to +60°C
- Low Power Consumption (3.5 & 8 Watts)
- 316 Stainless Steel Construction
- Wide range of operators available
- 1140 bar Max Operating Pressure
- Leak tight
- 5 litres/min

DN3
Sealed



Severe & Hazardous Area Experts

Ball Seated Design

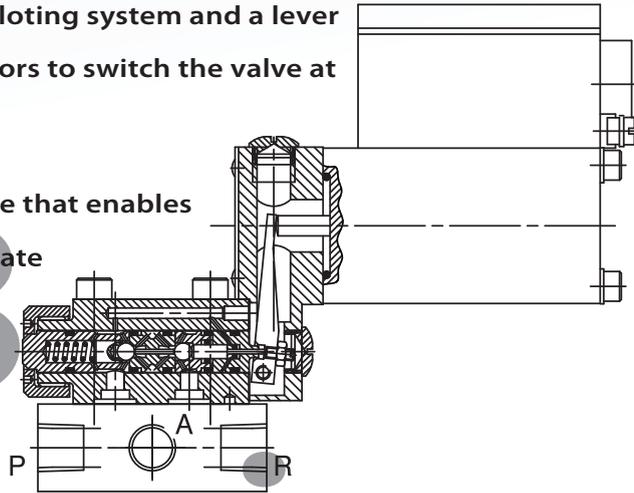
Hydraulic Control Valves

DN3 Series

General Description

The DN3 is a ball seated hydraulic control valve. The stainless steel seat and ceramic ball design ensures a leak tight shut off. The DN3 valve design incorporates a balanced internal piloting system and a lever mechanism to enable low powered operators to switch the valve at high pressures.

The DN3 valve features an 'O' Ring interface that enables it to be fitted with a 1/4" NPT ported subplate as standard, or manifold mounted to reduce pipework, fittings, weight and space. This interface also allows direct mounting of the DN3 valve to larger pilot-operated DN5, whereby increasing the flow capacity up to 200L/min. (Please consult factory for further information).



By removing just 4 bolts the valve can be dismantled without disturbing pipework and possibly contaminating the hydraulic system. Blanking or flushing plates can also be supplied.

Materials of construction

- Valve bodies and subplates 316L Stainless Steel
- Wetted parts, various grades of stainless steel/ ceramic/aluminium bronze
- Fasteners, A4, grade 80 stainless steel
- Springs, stainless steel

Filtration

- Recommended 10 micron absolute

Ingress protection

- IP66/NEMA 4X

Ambient temperature range

- Standard: -20°C to +60°C
- Low Temp: -50°C to +60°C

Operating pressure range

- 0 to 1,140 bar depending on operator type

Fluid Media

- Suitable for use with Mineral Oils, Water Glycols, Methanol, Fresh Water, Air, Natural Gas, and Nitrogen



ATEX

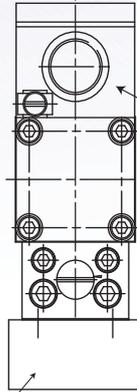
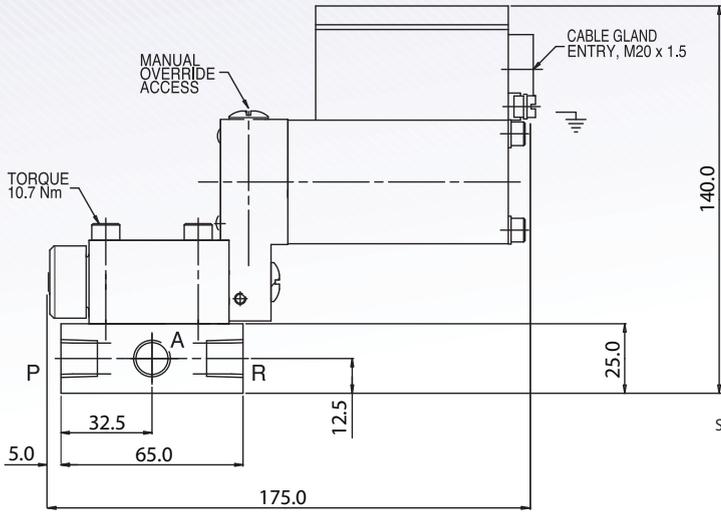


Severe & Hazardous Area Experts

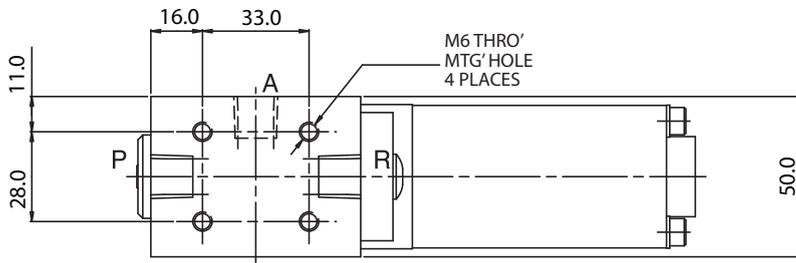
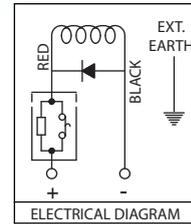
Ball Seated Design

Hydraulic Control Valves

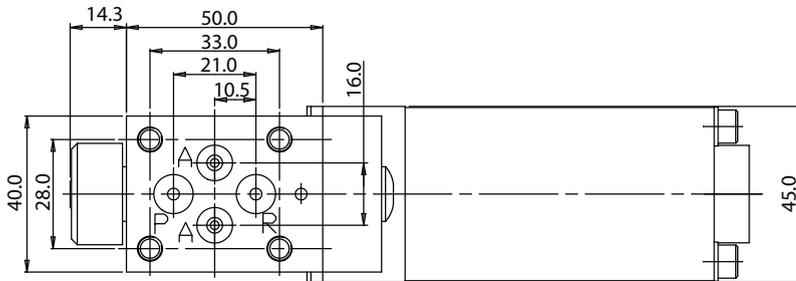
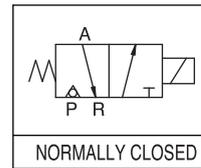
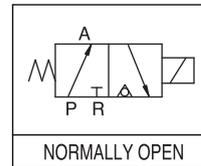
DN3 Series



Note: Coil can be rotated through 90° increments



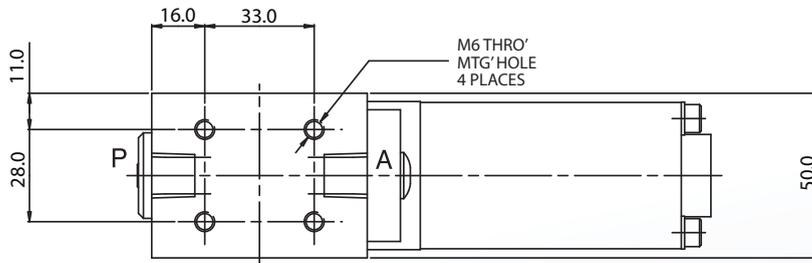
3/2 SUBPLATE MOUNTED
ALL PORTS 1/4" NPT
WEIGHT 3.0 KGS



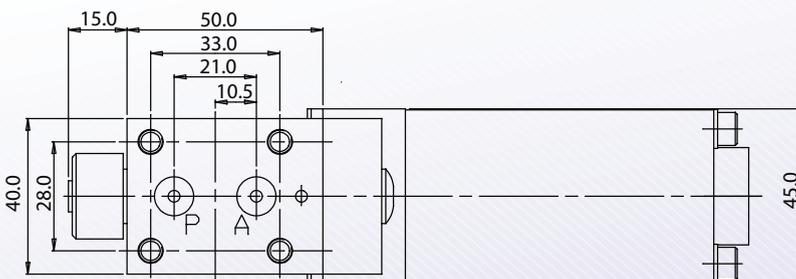
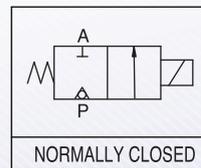
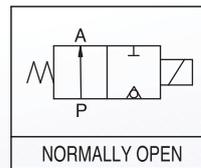
3/2 'O' RING INTERFACE

PORT	DIA.	'O' RING
P & R	3.0	9.25 x 1.78
A	3.0	6.07 x 1.78

WEIGHT 2.5 KGS



2/2 SUBPLATE MOUNTED
ALL PORTS 1/4" NPT
WEIGHT 3.0 KGS

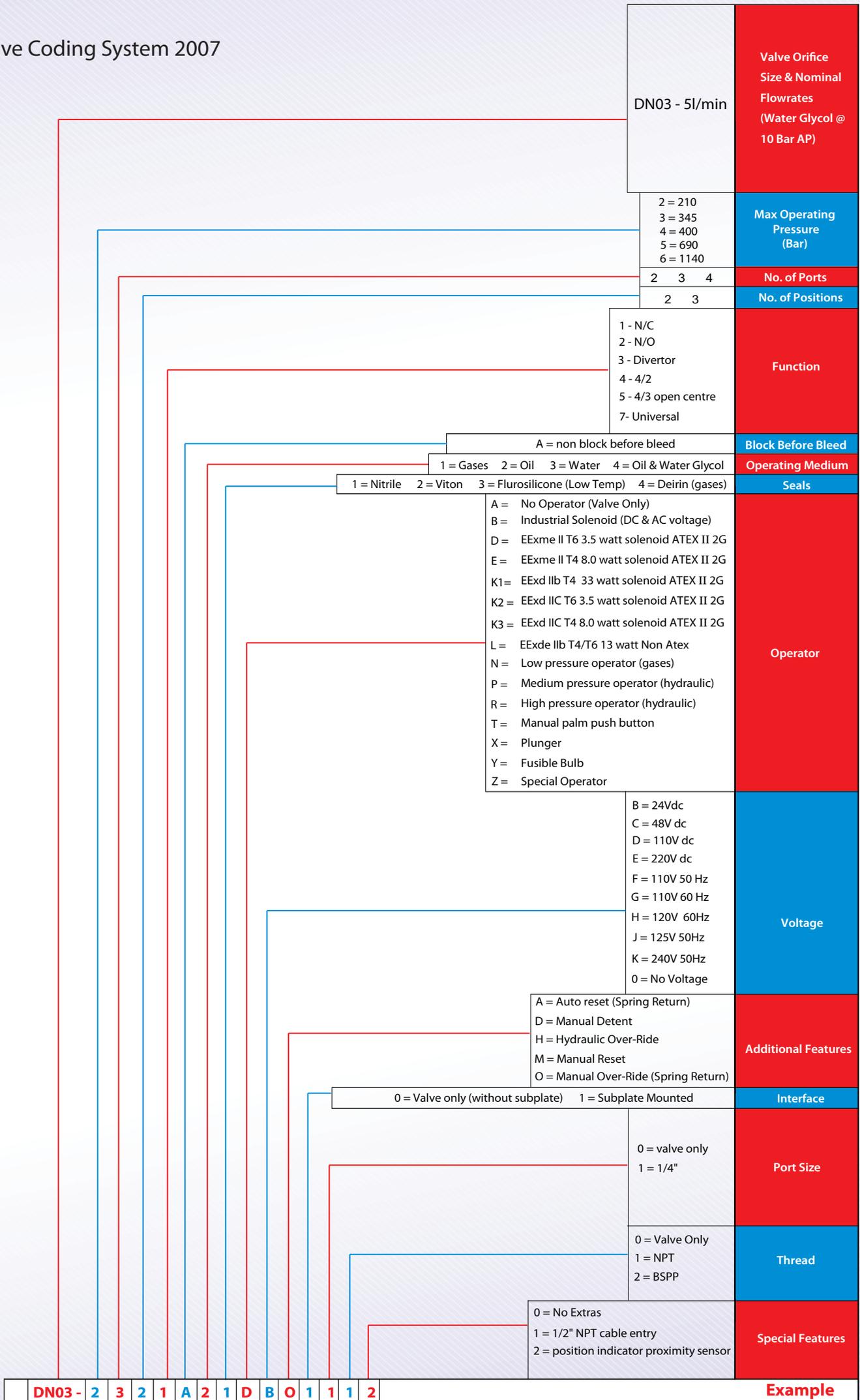


2/2 'O' RING INTERFACE

PORT	DIA.	'O' RING
P & A	3.0	9.25 x 1.78

WEIGHT 2.5 KGS

Valve Coding System 2007



DN03 - 2 3 2 1 A 2 1 D B O 1 1 1 2 **Example**