**Operation**
The D-HFPDE blocks flow at ports (2) and (1). On attainment of a predetermined pressure at (3), the valve shifts to allow flow from (1) to (2).

**Features**
- Hardened parts for long life and low leakage.
- Industry common cavity.

0.8 to 1.5 mm diameter orifice recommended beneath port 3

**Performance**
32 cSc / 38°C.

**Specifications**
- **Nom. Flow (lpm)**: 38
- **Max. Pressure (bar)**: 276
- **Internal Leakage (32 cSt)**: 82 cc/min
- **Hydraulic Oil**: General purpose hydraulic fluid
- **Viscosity Range**: 3 to 640 cSt
- **Filtration**: ISO 18/16/13
- **Operating Temp.**: -40 to 120°C
- **Cartridge Torque**: 40.6 Nm
- **Cavity**: DF10-3 (see cavity data page CAV-DF10-3)
- **Spare Seal Kit (Viton)**: SK-DDFVHAA
- **Weight - Valve only**: 0.26 kg
- **Weight - Valve + Body**: 0.63 kg (alum) 1.32 kg (steel)
Dimensions
[mm]

Ordering Code

D-HFPDE

Options
- 00 - Nitrile
- V0 - Viton

Crack Pressure (±10%)
- 0050 - 3.4 bar (50 psi)
- 0095 - 6.5 bar (95 psi)
- 0165 - 11.4 bar (165 psi)

Port size (BSP)
- A - 1/4"
- B - 3/8"
- C - 1/2"

Options - See page B-DDF

No. of ports
- 3 - 3 ports

Body material
- A - Aluminium
- S - Steel

For pressures over 210 bar use steel.