

# ISOLATED DUAL DIRECTIONAL CONTROL VALVE

The isolated dual directional control valve (DCV) is used to add functionality to the dirty work pack (DWP), to allow it to control 2 extra functions. These 2 extra functions are controlled by the ROV clean oil solenoids, but are isolated from the DWP oil paths.

## Flow Characteristics

Direct-acting sequence valves with reverse-flow check will supply a secondary circuit with flow once the pressure at the inlet has exceeded the valve setting. Additionally, these valves incorporate an integral check valve to provide reverse flow from port 2 (sequence) to port 1 (inlet). The pressure setting of a sequence valve controls the pressure at port 1 relative to the pressure at the drain (port 3).

## Features—SCCA

- ⇒ Flow 60 LPM
- ⇒ Maximum Operating Pressure: 5000PSI / 350 bar
- ⇒ Response time—Typical: 2 ms
- ⇒ Maximum valve leakage at reseal: 0.7cc/min
- ⇒ Check Cracking Pressure: 40PSI / 2.8 bar

## Features—DCCC

- ⇒ Flow: 10 GPM / 37 LPM
- ⇒ Minimum Pilot Pressure required to Shift Valve: 175PSI / 12 bar
- ⇒ Maximum Operating Pressure: 5000PSI / 350 bar

