

# BENCOR (Pty) Ltd.

Pressure valves



## Circulation valve type CNE 2

The pressure controlled 2-way directional valve automatically switches one (low pressure) of two circuits feeding a hydraulic system into idle circulation as soon as the adjusted pressure is achieved or exceeded by the high pressure circuit.

The valve is retained in this shifting position, enabling idle circulation, via the higher pressure being picked up and transmitted by a control oil duct.

This valve also serves as a pressure limiting valve for the low pressure circuit. A significant advantage of this valve type CNE 2 is the easily to manufacture mounting hole (see dimensions).

**Nomenclature:** 2-way circulation valve

**Design:** Screw-in valve

**Adjustability:** Tool adjustable

**p<sub>max</sub>:** 500 bar

**p<sub>max adjust</sub>:** 75 bar

**Q<sub>max</sub>:** 30 l/min



### Basic types and general parameters

Basic type and size	Flow Q <sub>max</sub> (l/min)	Oper. pressure p <sub>max</sub> (bar) with		Symbol
		P	Z	
CNE 2	12	E: 30	500	
		D: 45		
		C: 60		
		B: 75		

### Additional versions

- Additionally sealed tapped journal to minimize leakage losses (type CWE 2)

### Order example

#### CNE 2 C - 50

Circulation valve type CNE 2, pressure range 45...60 bar (coding C)  
factory set to 50 bar