

APU75 POWER UNIT

Standard Features

Modular System - flexible design options allowing for easy upgrade, size selection of pump, motor, reservoir and operating controls to suit your braking needs

Compact Size - increases your mounting location options and reduces weight

Comprehensive Manuals - with every unit in hard and electronic copy making set up and trouble shooting easy with all components simply marked in relation to the power unit

Pilot Operated Pressure Relief and Pressure Compensated Flow Control Valves - easy to set up without expensive equipment or specialist personnel

TENV Motor - keeps dust, dirt and water out and helps extend motor bearing life

Fitted with Sun Cartridge Valves - quality and reliability that comes with the best cartridge valve in the world

Aluminium Manifold - hard anodized, 2.6 litre tank, stainless steel 316 for years of corrosion resistant life

3µm Pressure Filter and 5µm Breather - providing a clean reliable system

Submerged Robust Gear Pump -with tang drive, simple to service

Two Test Points - easy testing and trouble shooting

Helicoil Mounting Threads - mounting problems are eliminated

Australian Made - providing you with local support and readily available parts at economical prices

Options

- On / Off control – controlled torque application for conveyors and quick lift for control of cranes etc.
- Stand alone or brake assembly integration
- Valve covers to protect and offer tamper resistance
- Stainless steel enclosures with optional wiring and rain covers
- Remote customer specified pressure switches
- Larger volume tanks
- Integral hand pump

Dimensions (Standard unit)

Width 329 mm
 Depth 300 mm
 Height 362 mm

Weight (Standard unit)

23 kg

Control options

On / Off operation
 Control application, single counter pressure
 Quick lift, accumulator boost, extra DCV's
 Control application, per 02 plus extra cct to full torque
 Control application per 02, plus full redundancy
 On / Off operation per 01, plus full redundancy
 Control application per 02, plus delay to counter pressure
 Option 05 plus monitor DCV via external checks & P/Switch
 Option 09 proportional pressure control - closed loop braking

Electric motor

Installed power 0.75 kW
 Frame size T-DA80
 Std supply *415VAC/3ph/50Hz
 Current - full load 1.9 Amp
 IP rating - standard 56
 Material SG Iron

Control voltages

12VDC, 24VDC, 48VDC, 110VAC, 240VAC

Output capacity

Output standard 1.26 L/min (nom)
 Option 2 -1.68 L/min (nom)

Pressure rating

Bar 210

Pressure switch

Standard - single contact type
 Voltage rating VAC10-250 VAC
 Current rating 5 Amp
 Optional - dual digital
 Voltage rating VDC 24 or 48
 Current rating 250 m Amp

Tank size

Standard 3.0 L
 Optional 5.0L
 Optional 10L

Oil filter

Standard - 3 um

Air filter

Standard - 5 um screw / spin on
 Optional - 3um spin on
 Optional - expansion chamber (sealed system)

Hand pump

Available with larger 5.0 L tank

Omega kits

Mounting power unit to caliper, pre-piped

