

# APU220 POWER UNIT

## Standard Features

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**Designed and Built in Australia** - for tough mining conditions

**Compact Modulated Design** – increases the mounting location options and reduces weight

**Purpose Built** - to compliment CSB range of Fail Safe Disc Calipers

**TENV Electric Motor** - Keeps the dust, dirt and water out and helps extend motor bearing life

**SUN Cartridge Valves** - quality and reliability that comes with the best cartridge in the world

**Stainless Steel Tank** – for years of corrosion resistant life

**10 micron filter** - providing a clean and reliable system

**Ductile Iron Manifolds** – offering compact circuitry and strength

**Submerged Robust Gear Pump** – simple to service with tang drive

**Test Points** – for easy testing and troubleshooting

**Helicoil Mounting Threads** – mounting problems are eliminated

**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

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- 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

**Approximate Weight (Standard unit dry)**

130 kg

**Control options**

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

**Electric motor**

Installed power 2.2 kW  
 Frame size 100LA  
 Std supply \*415VAC/3ph/50Hz  
 Current - full load 4.5 Amp  
 IP rating - standard 55  
 Material SG Iron

**Control voltages**

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

**Output capacity**

Output standard 3.0 L/min (nom)  
 Output optional -5.0 L/min (nom)

**Pressure rating**

Bar 210

**Approximate Dimensions (Standard unit)**

	25L	50L
Width	670	850
Depth	400	400
Height	700	750

**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 25 L  
 Optional 50 L

**Oil filter**

Standard - 10 um

**Air filter**

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

**Hand pump**

Available with larger 6.0 L tank

