

APU75

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 anodised, 2.6 Litre tank, stainless steel 316 for years of corrosion resistant life

3Mm 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

Integral hand pump

Options

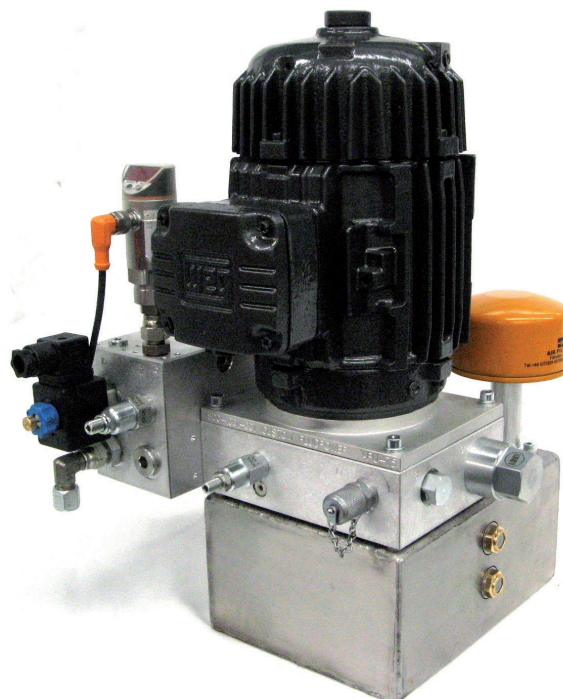
Multiple control options available

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



Product Overview

Dimensions (Standard unit)

Width 329 mm
Depth 300 mm
Height 362 mm

Weight (Standard unit)

23 kg

Control options

- 01. On / Off operation
- 02. Control application, single counter pressure
- 03. Quick lift, accumulator boost, extra DCV's
- 04. Control application, per 02 plus extra cct to full torque
- 05. Control application per 02, plus full redundancy
- 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 6.0L
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 6.0 L tank

APU

X	X
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X

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X	X
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X	X
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X	X
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	Size	
0.37 KW, 0.5cc / rev pump std	37	
0.75 KW, 1cc / rev pump std	75	
2.2 KW, 3.3cc / rev pump std	220	
(negate for APU 47 & 75)		
Compact (same control manifold as APU 37 & 75)	C	
Standard (mutli option control manifold incl hand pump)	S	
	Control Option	
On / off operation	01	
Control application, single back pressure setting	02	
Quicklift, accumulator boost, extra DCV's	03	
Control application, per 02 plus extra dump to full torque	04	
Control application per 02, plus redundancy (or control start)	05	
Proportional pressure control, c/w 2 x hyd cct + oil level sw	09	
	Motor Voltage	
Motor 415 V AC three phase 50Hz 4 pole	2	
Motor 1000 V AC three phase 50Hz 2 pole	7	
	Solenoid coil voltage	
Control voltage 24 V DC	4	
Control voltage 48 V DC	5	
	Options Code	
Option number allocated for each power unit variation	XXX	