

# Barry Stoodley Pty Ltd

## TECHNICAL DATA SHEET



### HIGH PRESSURE AXIAL PISTON PUMPS

The P Series Axial pump is for applications requiring high pressure & moderate flow. The design of the P pump is optimised for performance and flow, especially at low speed.

Manufactured from rugged heat treated materials, this product is well suited to high pressure applications such as cranes, aerial platforms, hook-lift loaders and garbage compactors.

#### SUITS:

Heavy duty and high pressure applications  
(Cranes, Hook-lifts)

### P SERIES HYDRAULIC PISTON PUMP

#### PRODUCT FEATURES

- **HIGH PRESSURE (320 BAR CONT., 370 BAR PEAK).**  
For maximum performance of hydraulic systems.
- **VERSATILE POSITIONING**  
Can be placed in any one of four positions to maximise fitment.
- **BI ROTATIONAL**  
No need to stock two models of each size
- **AVAILABLE WITH POWAUTO MOUNT**  
To fit a wide range of PTOs

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**PUMP DESIGNATION CODES**  
P series pump

**Identifier**  
PU = Pump

**Pump Series**  
P = Piston

**Rotation**  
B = Bi rotational

**Flow @ 1000 RPM**  
25 = 25 l/min  
32 = 32 l/min  
40 = 40 l/min  
45 = 45 l/min  
50 = 50 l/min  
60 = 60 l/min

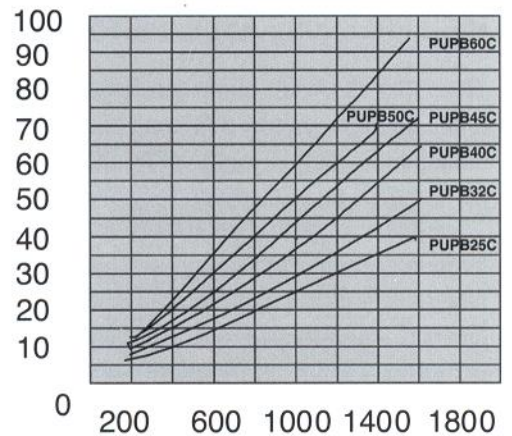
**Porting**  
C = combined side & rear

**Manufacturers Code**  
01 = DIN 5462 Input Shaft  
No Code = fits Powauto '08' output PTO.

PU P B 32 C \*

Technical Specifications		Pump Size					
		25	32	40	45	50	60
<b>Series P Pump Ratings</b>							
Pump flow Rates @1000 RPM @ Max. Pressure l/min		25	32	40	45	50	60
Maximum Speed	rpm	1600	1600	1600	1600	1400	1600
Minimum Speed	rpm	200	200	200	200	200	200
Pressure Ratings	bar continuous	320	320	320	320	300	400
	Peak ( 5 sec)	370	370	370	370	350	450
Minimum Suction Line Inside Diameter		(40mm) (1 1/2" in)					
Pump Port Sizes	Inlet	Adaptor to 1 1/4" included Adaptor to 3/4" included					
	Outlet						
Approximate Bare Mass	Kg	12	12	12	12	13	16
	lb	26	26	26	26	29	35
Length	A mm	277	277	277	277	277	296
Length	B mm	125	125	125	125	125	148
Length	C mm	69	69	69	69	69	72

Flow l/min



Speed r.p.m

Flow Curve

For full details refer to Powauto or consult your applications book.

Note: Powauto recommends the use of filtration (min 25) in your hydraulic system.