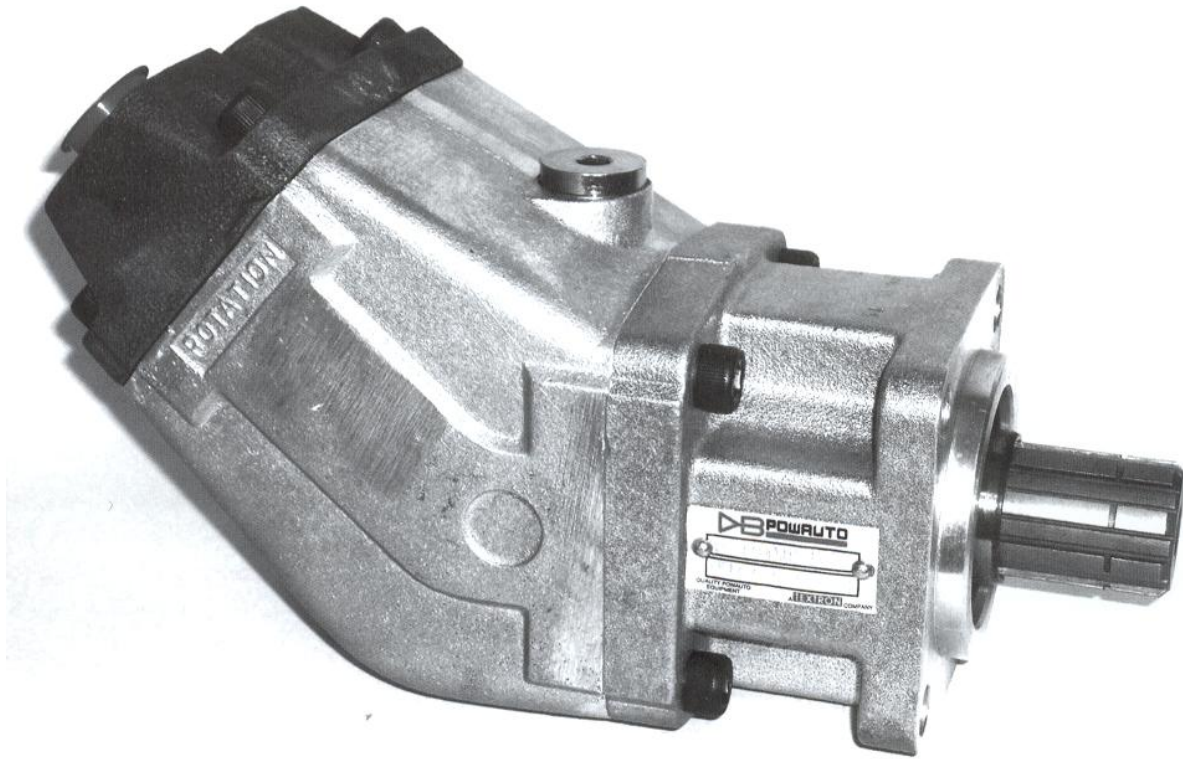


Barry Stoodley Pty Ltd

TECHNICAL DATA SHEET



HIGH PRESSURE BENT AXIS PISTON PUMP

The P Series pump is ideal for applications requiring high pressures with confined spaces. The design is maximised for performance and flow.

Manufactured from high strength alloy housing, this pump is designed for equipment such as cranes, aerial platforms, hook-lift loaders and compactors. The 40° axis shift allows for installations in compact spaces.

Compatible with similar "Industry Standard" bent axis piston pumps.

PRODUCT FEATURES

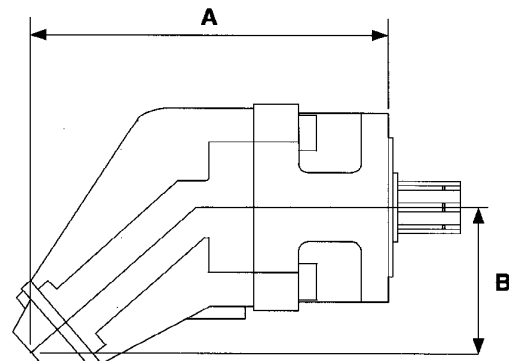
- **HIGH PRESSURE (350 BAR)**
Maximum performance of hydraulic systems.
- **REAR PORTS**
Easier placement of hydraulic lines
- **VERSATILE POSITIONING**
Can be placed in any one of four orientations
- **LOW WEIGHT**
Ease of installation & maintenance
- **DOUBLE SHAFT SEALS**
Ensures leak proof operation
- **EASE OF ROTATION CHANGE**
Simple alternate rotation selection.

P SERIES

HYDRAULIC PISTON PUMP

Barry Stoodley Pty Ltd

TECHNICAL DATA SHEET



Bent Axis Piston Pump

PUMP DESIGNATION CODES
P series pump

Identifier
PU = Pump

Pump Series
P = Piston

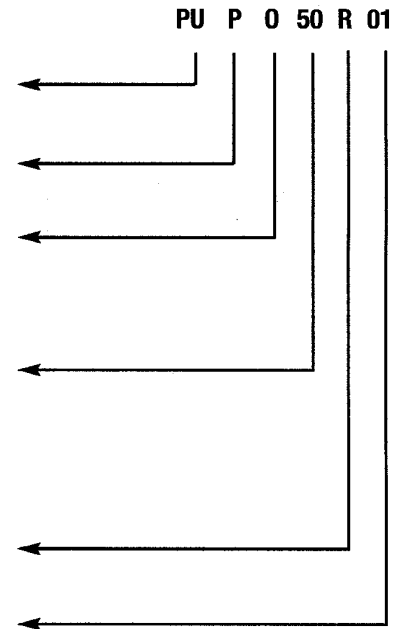
Rotation
O = Opposite to engine
S = Same same as engine

Pump Size
50 = 50 l/min (13.3 g/min)
63 = 63 l/min (16.6 g/min)
81 = 81 l/min (21.4 g/min)
108 = 108 l/min (28.0 g/min)

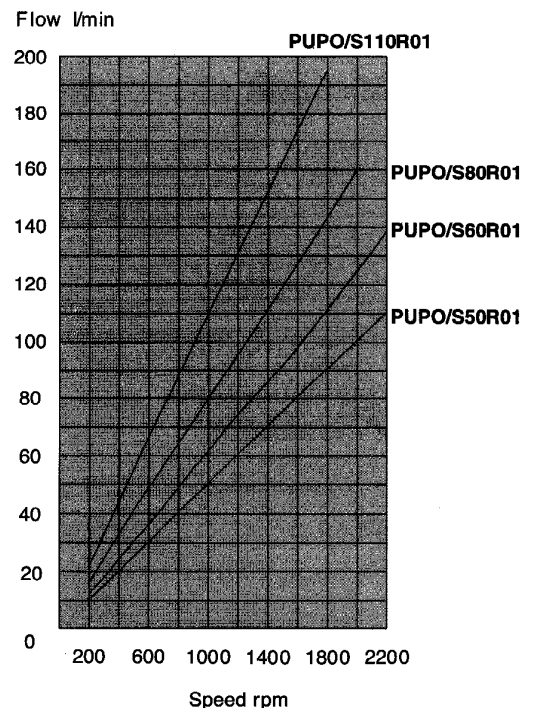
Porting
R = Rear

Manufacturers Code
01 = DIN 5462 Input Shaft

PU P O 50 R 01



Technical Specification Bent Axis P Pump					
Pump Size		50	63	81	108
Pump flow rate @ 1000rpm @ max. pressure l/min		50	63	81	108
Maximum Speed	rpm	2200	2200	2000	1800
Minimum Speed	rpm	200	200	200	200
Maximum Pressure (continuous)	bar	350	350	350	300
Maximum Pressure (peak - 5 sec)	bar	400	400	400	350
Inlet Port Size	BSPP	1"	1"	1 1/4"	1 1/4"
Outlet Port Size	BSPP	3/4"	3/4"	1"	1"
Approximate Bare Mass	kg	10.0	10.4	13.0	13.4
Overall Length A		235	235	252	252
Height B		85	85	107	107



Important - Ensure the pump has been filled with oil prior to installation

Flow Curve

