



AUSSIE SMART (POLYPROPYLENE) PUMPS PRY SERIES



Aussie polypropylene 2" self priming centrifugal chemical pumps offer flows to 835 litres per minute and heads as high as 25 metres. Suction lift is 7.6 metres.

This unique product range is available in a wide range of configurations including;

- Honda petrol engine drive (3 year engine warranty)
- Yanmar diesel engine drive (2 year engine warranty)
- 2 or 4 pole, single phase or three phase electric motor drive
- Hydraulic motor drive
- Bare shaft

Features

- Strong polypropylene construction
- Lightweight
- Viton elastomers
- High flow impeller
- Integrated handle
- Honda petrol, Yanmar diesel engine or electric drive options
- Heavy duty galvanised steel carry frame on diesel option, skids on petrol drive units, galvanised plate on electric drive option
- Protek engine protection (option on engine drive, standard on electric drive pumps)

Benefits

- » Wide range of liquid compatibility
- » Highly portable
- » Flexibility of handled liquids
- » Fast chemical transfer
- » Aids portability, operator convenience
- » Tried and proven with established service networks throughout Australia and the world
- » Protects pump and engine, aids portability
- » Separates pump from engine. Protects engine or electric motor from ingress of liquid if the mechanical seal fails

Applications:

- Chemical transfer
- Acids including isopropyl (alcohol), arsenic, hydrochloric, sulphuric acid & iodine (in alcohol)
- AdBlue or equivalent diesel fuel exhaust clarifier

For chemical compatibility check 'Chemical Compatibility Chart'

~WARNING: When pumping flammable or combustible liquids all containers must be effectively bonded and grounded to prevent sparks of static electricity which could cause explosion.

Optional Accessories:

- Heavy duty galvanised roll frame (standard on diesel drive)
- Heavy duty suction hoses 2"
- Medium pressure lay flat delivery hose, working pressure 100 psi
- Poly couplings in either screw type or Camelot style quick coupler design
- High flow diesel transfer fuel nozzle
- Protek engine protection



Smart Guide to Smart Pump selection



Due to our program of continuous product development the manufacturer reserves the right to alter specifications without notice.

AUSSIE SMART (POLYPROPYLENE) PUMPS PRY SERIES



Electric Drive

2" self priming centrifugal pumps made from polypropylene with single or three phase, 2 pole, electric motor, 50 Hz, for industrial applications.

Versatile VITON ...
the universal seal

Drive systems: Unique Aussie electric motor drive system offers 2 pole high speed electric motors in single or three phase configuration with IP56 protection, stainless steel shaft (416 grade) in 2.2kW single phase or, 2.2kW or 4kW three phase configuration.

Protek Motor Protection fitted as standard in all close coupled electric motor applications.

Protek system, fits between motor or engine and pump.

Protek Motor Protection

Maximum motor protection system from catastrophic seal failure. Featuring adapter to separate pump from motor, large cavity to handle even major seal failures and oversized slinger to prevent liquid contacting engine. Fitted as standard on all electric drive poly pumps and is an option on engine drive pumps.

The ultimate motor protection.

Large cavity to protect engine or motor against any possible seal failure.

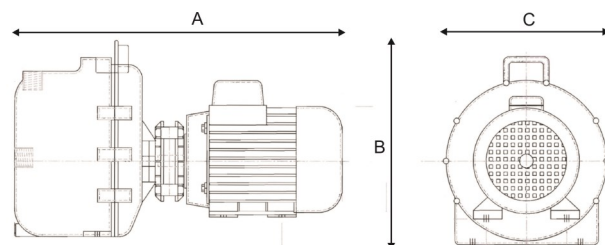
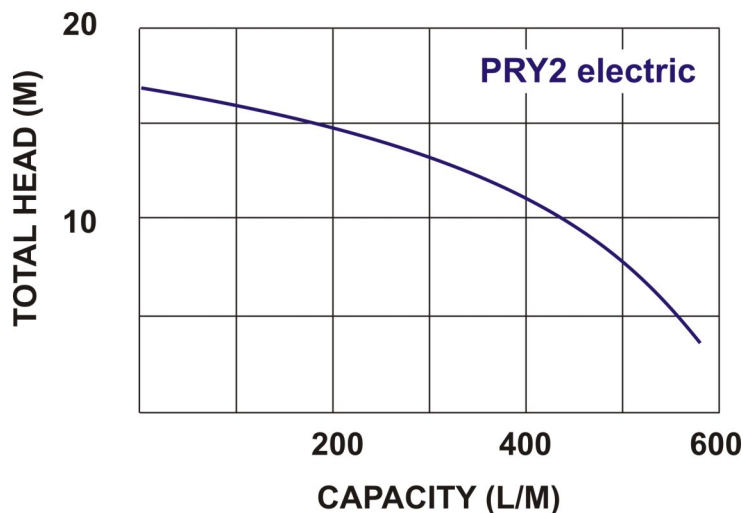
Pump mechanical seals

Oversize weep hole directs liquid down, and away from operator.

ELECTRIC DRIVE ... includes gal base

Model	Motor	Max flow (lpm)	Max head (m)	S/code
SPRY2 electric	2.2kW , 240V	600	16	RSPRY2BRV/2.2K
	4kW , 415V			RSPRY2BRV/4KW

Performance Curve



Model	A (mm)	B (mm)	C (mm)	Weight (kg)
PRY2 with 2.2kW motor	560	302	280	28
PRY2 with 4kW motor	600	302	280	37

Gal plate pumps mounted on 700 x 360 mm

AUSSIE SMART (POLYPROPYLENE) PUMPS PRY SERIES



ENGINE DRIVE ... full frame only on diesel option

Model	Engine	Max flow (lpm)	Max head (m)	S/code
SPRY2	HONDA 6.5HP Recoil start	835	25	RSPRY2BRV/GX200
	YANMAR 4.8HP Recoil start	835	25	RSPRY2BRV/L48
	Electric start			RSPRY2BRV/L48E



BARE SHAFT (with pedestal)

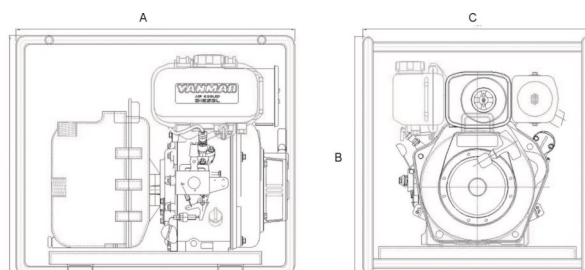
Model	Pedestal	Max flow (lpm)	Max head (m)	S/code
SPRY2 bare shaft	Cast iron with ss shaft	835	25	RSPRY2BRV/PED B

Model	Length (mm)	Height (mm)	Width (mm)	Weight (kg)
PRY2 bare shaft with cast iron ped	374	302	280	12

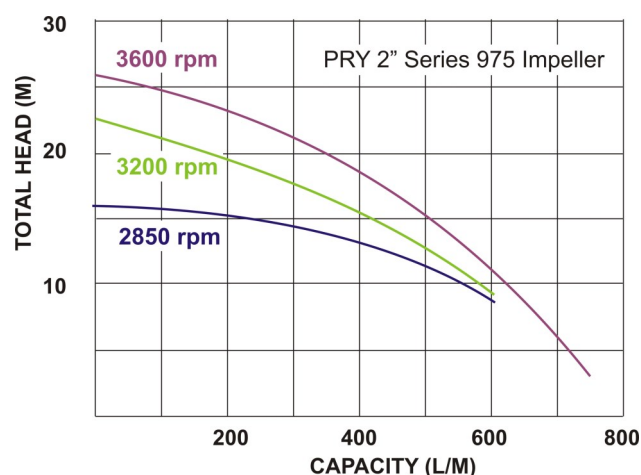
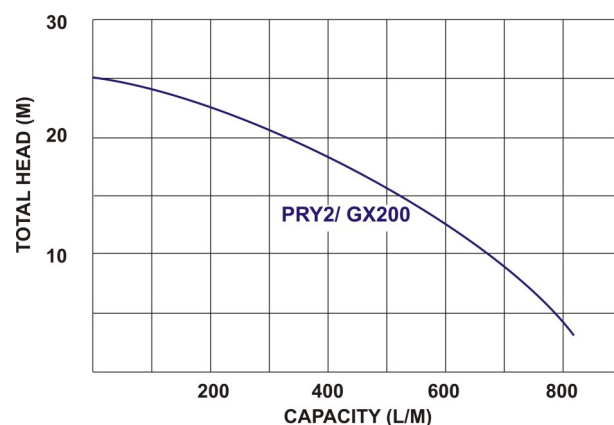
Engine Drive

Aussie poly pumps with either Honda petrol or Yanmar diesel drive options with or without electric start.

Diesel versions come in a full galvanized roll frame (option on the petrol drive versions).



Model	A (mm)	B (mm)	C (mm)	Weight (kg)
PRY2/GX200 no frame	490	370	390	22
PRY2 Yanmar Diesel	550	520	460	40



Due to our program of continuous product development the manufacturer reserves the right to alter specifications without notice.