

SPECIFICATION FOR DIAPHRAGM PUMP PD75



	PD75
Capacity	30 m ³ /h
Total head	30.5 m
Max solids size	6 mm
Self priming lift	8.8 m
Air handling	3.77 l/s
Power required	2.5 kW
Pump speed max.	1450 rpm
Pump speed min.	960 rpm
Inlet port	75mm
Outlet port	75mm
Fuel tank capacity	5.5 litres
Size	100 x 64 x 69 m
Weight (empty)	95 kg

Description: Diaphragm pumps incorporate a coupling rod driven by a gear box speed reducer. This allows the pump to handle large size solids or liquids containing fibres. The pump can run continually when dry and always primes quickly. They can be petrol, diesel, electric or hydraulically powered.

- High abrasion resistance
- Excellent dry running capability
- Can handle solids
- Quick, dry self priming up to 6m in a few seconds
- No rotating parts in contact with the liquid
- Liquids containing fibres or rags pumped

Pump Materials:

Casing:	Aluminum Alloy
Shaft:	Mild Steel
Pump End Bearing:	6305 2RS
Drive End Bearing:	6305 2RS
Priming Method:	Positive Displacement

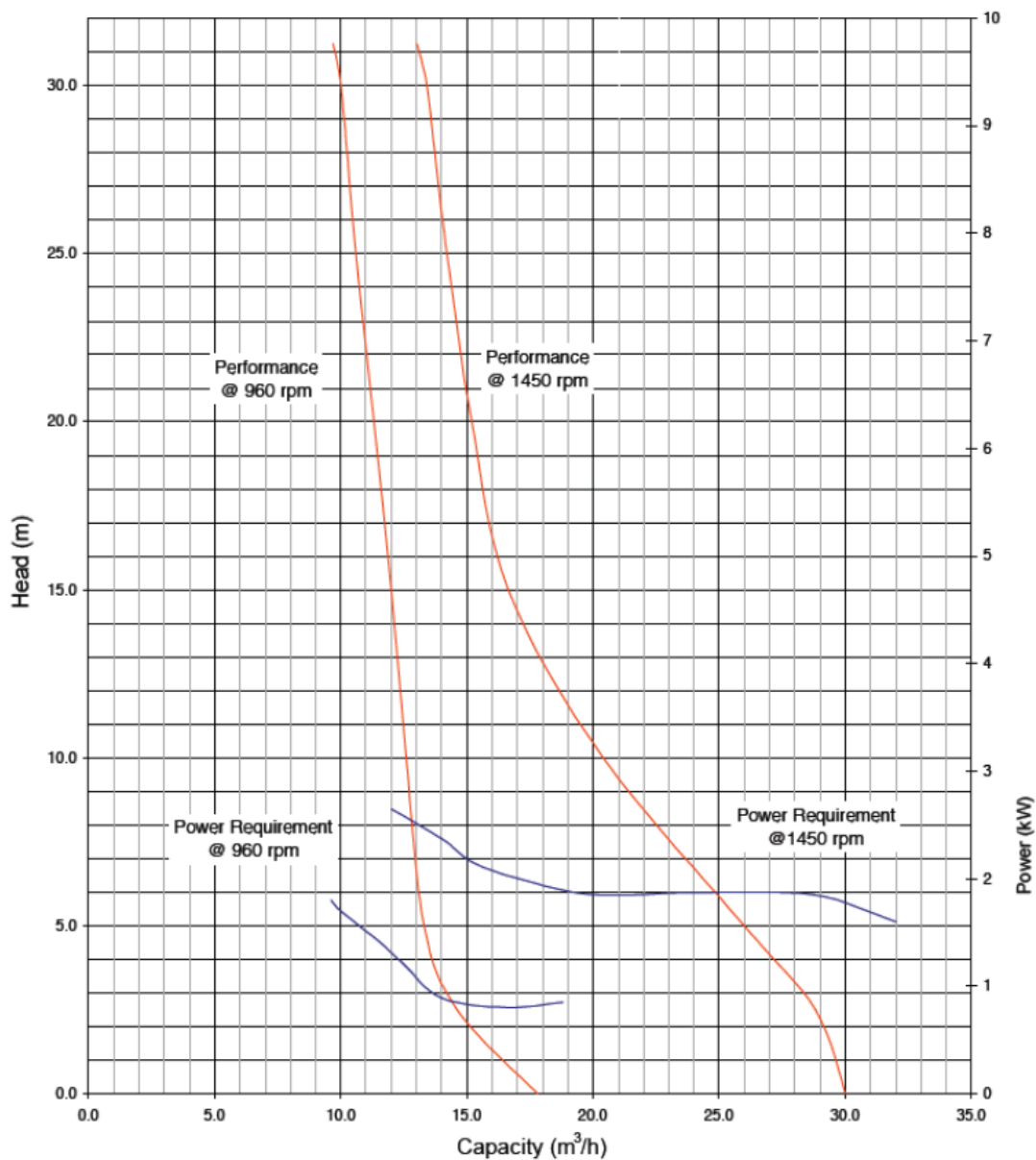
Pump Movers:

Engines:	Yanmar L48
	Honda GX160
	<i>Electric motors available</i>
	<i>Hydraulic motors available</i>

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- Optional Extras:**
- Stonecatcher
 - Oil tolerant seals
 - Viton seal
 - Threaded connections
 - Chalwyn valve
 - Spark arrestor
 - Static chassis

Performance Curve:



Safety Data: Further technical advice is available if required.
Note: All weights, dimensions, and other figures quoted are approximate.

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