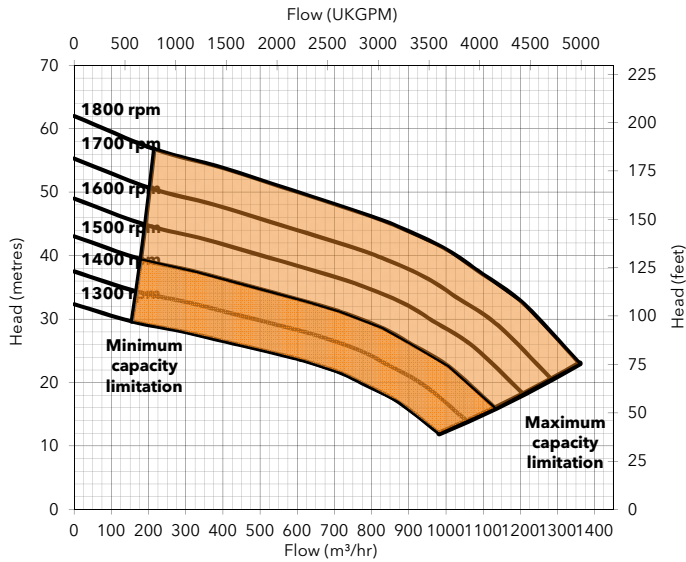


Performance Curve



Engine option 1

Price list ref - CD300M-01-DBH-002

Caterpillar, C9, 205.0 kW @ 1800 rpm

Impeller diameter 362 mm

Pump Speed 1800 rpm

Suction Lift Table

Total Suction Head (metres)	Total Delivery Head (metres)				
	19	30	40	43	47
	Output (m³/hr)				
3.0	1380	1200	936	804	588
4.6	1344	1140	828	696	479
6.1	1200	1080	660	480	240
7.6	960	900	600	480	-

Fuel capacity (Full) 772 litres, (Usable) 625 litres

Fuel consumption @ 1800 rpm BEP 42 litres/hour

Weight: (Dry) 6,000 kg, (Wet) 6,620 kg

Dimensions: (L) 4,580 x (W) 2,065 x (H) 2,545 mm

Performance data provided in tables is based on water tests at sea level and 20°C ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.

Av Sound Pressure Rating (dba)

Running Speed (rpm)	Distance		
	1m	3m	7m
1200	70	65	62
1800	78	75	70

Materials

Pump casing & suction cover	Cast iron BS EN 1561 - 1997
Wearplates	High Chromium Cast Iron HC403:1977
Pump Shaft	Carbon steel BS 970 - 1991 817M40T
Impeller	Cast Steel BS3100 A5 Hardness to 200 HB Brinell
Non-return Valve body	Cast iron BS EN 1561 - 1997
Mechanical Seal Faces	Double Mech seal; inboard SiC v SiC, Outboard SiC v Carbon

Engine option 2

Price list ref - CD300M-01-DBH-001

Perkins, 1106D-E66TA (129), 94.5 kW @ 1500 rpm

Impeller diameter 362 mm

Pump Speed 1500 rpm

Suction Lift Table

Total Suction Head (metres)	Total Delivery Head (metres)				
	12	20	27	29	32
	Output (m³/hr)				
3.0	1150	1000	780	670	490
4.6	1120	950	690	580	399
6.1	1000	900	550	400	200
7.6	800	750	500	400	-

Fuel capacity (Full) 550 litres, (Usable) 460 litres

Fuel consumption @ 1500 rpm BEP 26 litres/hour

Weight: (Dry) 4,700 kg, (Wet) 5,168 kg

Dimensions: (L) 4,200 x (W) 1,500 x (H) 1,900 mm

Performance data provided in tables is based on water tests at sea level and 20°C ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.

Av Sound Pressure Rating (dba)

Running Speed (rpm)	Distance		
	1m	3m	7m
1400	73	67	66



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