

SECTION 4

AGM LONGHAUL

All prices are exclusive of G.S.T.

AGM 720A

Bareshaft Pump Performance

Rotor Selection	
10° - 40°C Standard Rotor	
41° - 70°C Mark 3 Rotor	
For applications outside these temperature limits, contact NOV Australia.	

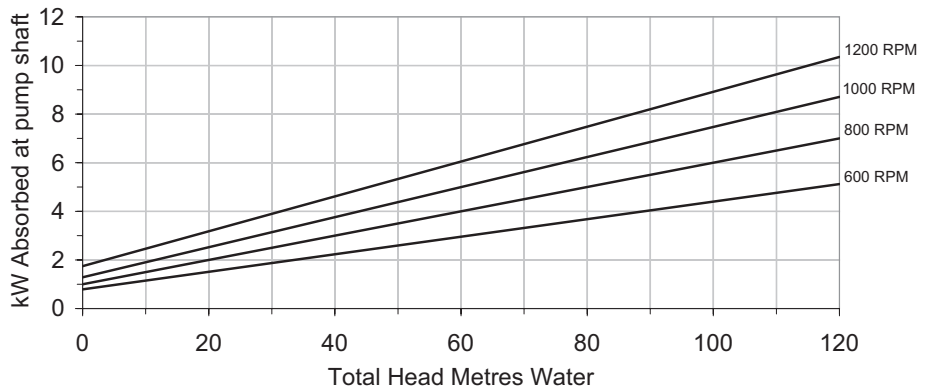
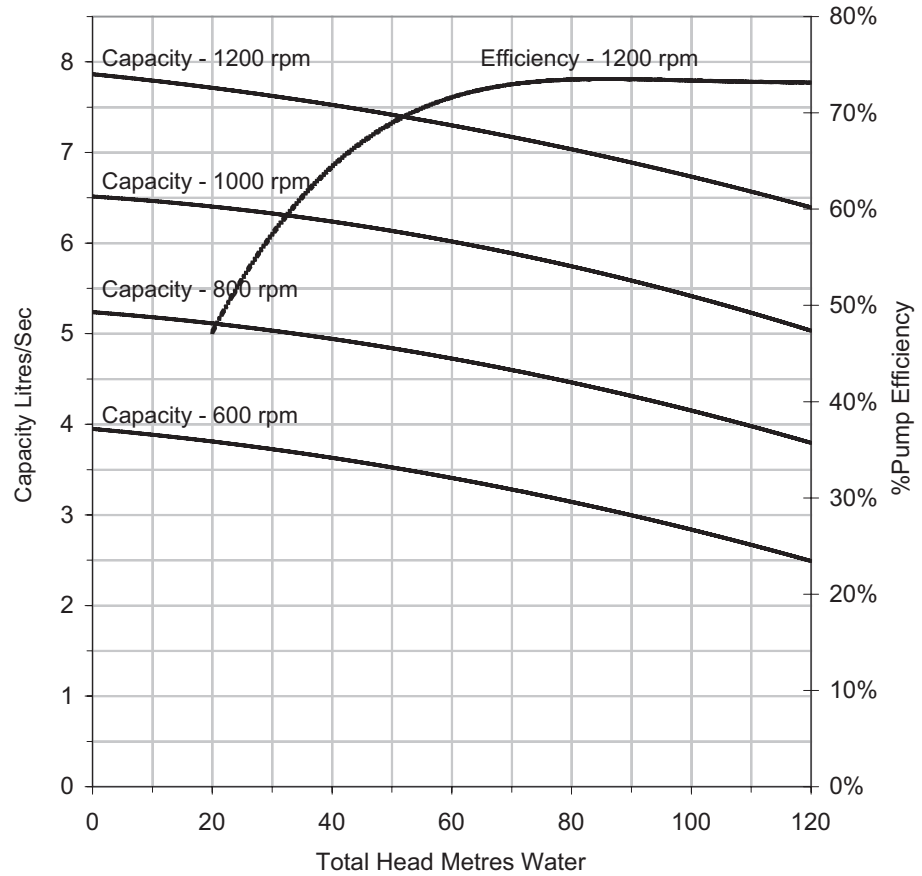
Suction Table	
RPM	Metres
1200	5.5
1000	6.0
800	7.0
600	7.5

Figures shown are maximum suction lift at sea level at 20°C other losses due to fitting and pipe friction to be deducted for system design.

Minimum Motor Size: 2.2kW	
kW absorbed curve and figures relate to power absorbed at the pump shaft. For drive power requirements use the following multipliers.	
DIESEL x 1.33	
PETROL x 1.5	
ELECTRIC x 1.25	

Common Conversions	
1 l/sec	= 792 gal/hr
1000 gal/hr	= 75.6 l/min
10 m	= 34 ft = 14.2 psi = 98 kpa
100 ft	= 30.5 m = 43.3 psi = 298 kpa
1 hp	= 0.75kw
1 kW	= 1.34 hp

Test curve and table are typical only figures at 20°C performance may vary with temperature and field condition.



Pump Speed rpm	Capacity and Power	Total head from all causes					
		20 65ft	40 130ft	60 197ft	80 262ft	100 328ft	120 393ft
1200	Litres/Sec	7.70	7.55	7.30	7.02	6.73	6.40
	Gph Kw abs	6098 3.20	5979 4.60	5781 6.00	5559 7.50	5329 9.00	5068 10.30
1000	Litres/Sec	6.40	6.25	6.00	5.75	5.42	5.03
	Gph Kw abs	5068 2.50	4949 3.80	4751 5.00	4553 6.20	4292 7.50	3983 8.70
800	Litres/Sec	5.10	4.97	4.72	4.45	4.15	3.80
	Gph Kw abs	4039 2.00	3936 3.00	3738 4.00	3524 5.00	3286 6.00	3009 7.00
600	Litres/Sec	3.80	3.65	3.40	3.15	2.82	2.50
	Gph Kw abs	3009 1.50	2890 2.20	2692 3.00	2494 3.70	2233 4.40	1980 5.10

