

SECTION 4

AGM LONGHAUL

All prices are exclusive of G.S.T.

AGM LONGHAUL

AGM 650A

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.	

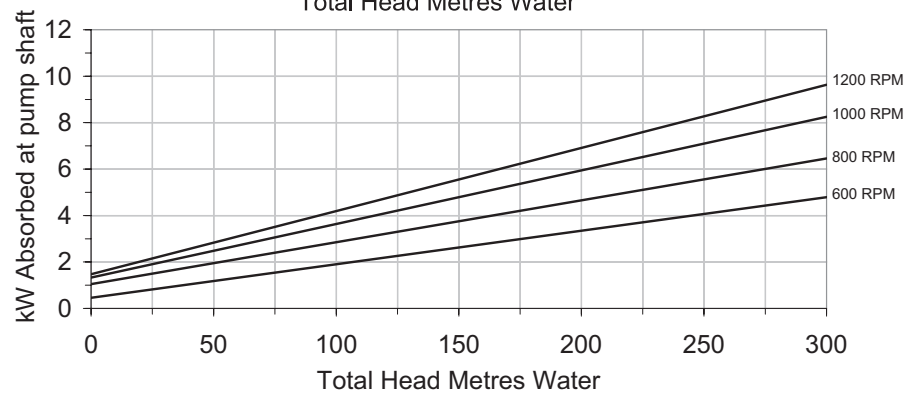
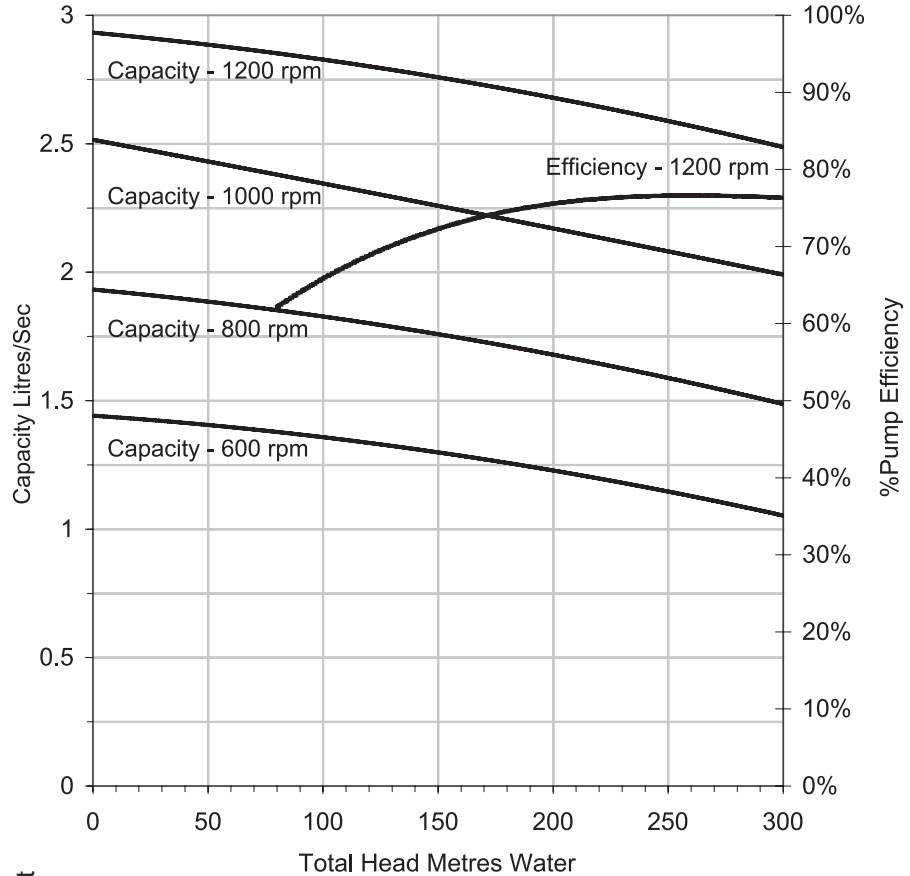
Suction Table	
RPM	Metres
1200	6.5
1000	7.0
800	7.5
600	8.0

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: 4.0kW	
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			
		80 262ft	160 525ft	240 787ft	300 984ft
1200	Litres/Sec	2.85	2.75	2.6	2.49
	Gph	2257	2178	2059	1972
	kW abs	3.60	5.90	8.00	9.60
1000	Litres/Sec	2.38	2.24	2.1	1.99
	Gph	1885	1774	1663	1576
	kW abs	3.20	5.00	6.80	8.30
800	Litres/Sec	1.85	1.75	1.60	1.49
	Gph	1465	1386	1367	1180
	kW abs	2.50	3.90	5.40	6.45
600	Litres/Sec	1.38	1.28	1.17	1.05
	Gph	1093	1014	927	832
	kW abs	1.60	2.80	3.90	4.80