



Prm500

Nominal Power Ratings, PRM500 Marine Gearbox

Ratios	Pleasure		Light Commercial		Heavy Commercial	
	BHP	kW	BHP	kW	BHP	kW
1.459:1, 1.935:1	6.38	4.75	6.19	4.62	5.90	4.40
2.565:1, 2.904:1	6.19	4.62	5.90	4.40	5.90	4.40

Maximum operating speeds:
4500 rev/min intermittent, 4000 rev/min continuous

Approximate Weight & Oil Capacity

Approximate dry weight	PRM500D 68kg (150lb), excluding adaptor, coupling and cooler
Oil capacity	2.5 litres (4.40 pints), plus the amount required to fill the cooling circuit

Flexible Input Coupling for PRM500

Part Number	Outside Diameter		No.	Mounting Hole Pattern				Remarks
	in	mm		Diameter		Pitch Circle Dia.		
				in	mm	in	mm	
MT1358	12.375	314.4	6	0.320	8.13	7.875	200.0	SAE 10 in
			6	0.320	8.13	9.853	250.0	
			6	0.320	8.13	10.625	269.9	
			6	0.320	8.13	10.750	273.1	
			8	0.375	9.53	11.625	295.3	
MT1359	13.875	352.4	8	0.433	10.99	13.125	333.4	SAE 11 ½ in
MT1357	14.25	362.0	6	0.320	8.13	7.785	200.0	
			6	0.320	8.13	8.268	210.0	
			6	0.320	8.13	10.375	263.5	
			6	0.320	8.13	10.625	269.9	
			6	0.320	8.13	10.875	276.2	
			6	0.320	8.13	11.375	288.9	



			6	0.320	8.13	11.625	295.3	Perkins 6-3544 Ford 2720 series
			6	0.344	8.74	12.000	304.8	
			6	0.320	8.13	12.375	314.3	
			6	0.375	9.53	12.625	320.7	
			6	0.320	8.13	13.500	342.9	
			6	0.375	9.53	13.500	342.9	

Adaptor Flanges For PRM500

Part Number	Description	Weight	
		kg.	lb.
MT1212S/A	SAE 2 Adaptor Flange	13.0	28.7
MT1211S/A	SAE 3 Adaptor Flange	11.0	24.2
MT1216S/A	SAE 4 Adaptor Flange	9.6	21.2
MT1563S/A	B/W (Velvet Drive) adaptor Flange	4.2	9.25

Other Accessories For PRM500

Part Number	Description	Weight	
		kg.	lb.
MT4613S/A	Oil cooler kit - PRM500D, engines up to 130kW	1.00	2.20
MT4611S/A	Oil cooler kit - PRM500D, engines over 130kW	1.70	3.75
MT915	Oil pipes (pair)	0.50	1.10
MT784	Oil cooler mounting bracket	0.20	0.50
MT783	Tailshaft half coupling (pilot bored)	5.60	12.30
MT1105	Tailshaft flexible coupling	2.50	5.30
MT0214	Neutral safety start switch	0.04	0.10
MT0193	Live PTO, for SAE 'B' hydraulic pump	6.90	15.20
MT4733	Oil pressure gauge (direct mounting)	0.10	0.20
MT4992	Trolling Valve Assembly 12V	9.50	20.90
MT4993	Trolling Valve Assembly 24V	9.50	20.90