



Prm1500

Nominal Power Ratings - PRM1500 Deep Case Marine Gearbox

MODEL	GEAR RATIOS	PLEASURE		LIGHT COMMERCIAL		HEAVY COMMERCIAL	
		BHP	kW	BHP	kW	BHP	kW
1500D31SAE1 1500D31SAE2	3.12: 1	21.06	15.70	19.65	14.65	18.28	13.63
1500D39SAE1 1500D39SAE2	3.88: 1	21.06	15.70	19.65	14.65	18.28	13.63
1500D45SAE1 1500D45SAE2	4.50: 1	21.06	15.70	19.65	14.65	18.28	13.63
1500D49SAE1 1500D49SAE2	4.90: 1	18.28	13.63	16.87	12.58	15.46	11.53
Maximum operating speeds, intermittent 3000 rev/min, continuous 2500 rev/min							

D denotes Deep Case: manufactured only with integral SAE1 or SAE2 adaptor housings. If there is a need to convert from SAE1 to SAE3, then additional adaptor ring MT8239 will also be required.

Nominal Power Ratings - PRM1500 Shallow Case Marine Gearbox

MODEL	GEAR RATIOS	PLEASURE		LIGHT COMMERCIAL		HEAVY COMMERCIAL	
		BHP	kW	BHP	kW	BHP	kW
1500S12SAE3	1.22: 1	21.06	15.70	19.65	14.65	18.28	13.63
1500S15SAE3	1.56: 1	21.06	15.70	19.65	14.65	18.28	13.63
1500S19SAE3	1.94: 1	21.06	15.70	19.65	14.65	18.28	13.63
1500S22SAE3	2.25: 1	21.06	15.70	19.65	14.65	18.28	13.63
1500S24SAE3	2.45: 1	21.06	15.70	19.65	14.65	18.28	13.63
1500S30SAE3	3.00: 1	18.93	14.12	17.52	13.07	15.77	11.76
Maximum operating speeds, intermittent 3000 rev/min, continuous 2500 rev/min							

S denotes Shallow Case: manufactured only with integral SAE3 adaptor housings.

Approximate Weight and Oil Capacity

Gearbox Type	Estimated Dry Weight	Estimated Oil Capacity
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PRM1500D (Deep Case)	300kg (663lbs)	8.0 litres	(14 pints)
PRM1500S (Shallow Case)	260kg (570lbs)	8.0 litres	(14 pints)

Note: Weight excluding drive coupling and cooler.

Note: Oil capacity does not include amount to fill cooling circuit.

Flexible Input Couplings for PRM1500

	Flywheel Size	Part No.
Centa Transmissions Ltd.	SAE 11.5 in	CF-DS-40-011-61230
	SAE 14 in	CF-DS-40-014-61229
Vulkan Industries Ltd.	SAE 11.5 in	Vulkardan-E3410 4000 series
	SAE 14 in	Vulkardan-E3410 4000 series
R & D Marine Ltd.	SAE 10 in	750lbf.ft (1020Nm) 54S107
	SAE 11.5 in	1200lbf.ft (1630Nm) 55Z78
	SAE 14 in	1200lbf.ft (1630Nm) 55Z79

Note: When ordering it is necessary to specify the flywheel size.

Nominal Power Ratings - PRM1500 Shallow Case Marine Gearbox

MODEL	GEAR RATIOS	PLEASURE		LIGHT COMMERCIAL		HEAVY COMMERCIAL		CONTINUOUS	
		BHP	kW	BHP	kW	BHP	kW	BHP	kW
1750S12SAE3	1.22:1	24.58	18.33	22.85	17.04	21.13	15.76	18.27	13.63
1750S15SAE3	1.56:1	24.58	18.33	22.85	17.04	21.13	15.76	18.27	13.63
1750S19SAE3	1.94:1	24.58	18.33	22.85	17.04	21.13	15.76	18.27	13.63
1750S22SAE3	2.25:1	24.58	18.33	22.85	17.04	21.13	15.76	18.27	13.63
1750S24SAE3	2.45:1	24.58	18.33	22.85	17.04	21.13	15.76	18.27	13.63
1750S30SAE3	3.00:1	24.58	18.33	22.85	17.04	21.13	15.76	18.27	13.63
Ratings are based upon engines with a maximum operating speed of 2500 rev/min									

S denotes Shallow Case: manufactured only with integral SAE3 adaptor housings.

