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Power Ratings: 16.1kW (2.1bhp) Intermitter 14.5kW (29.7bhp) Continuous



THORNYCROFT MARINE ENGINES



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Power Racings: 17 HW (230kp) Internetter 15 HW (230kp) Continues



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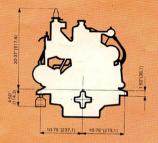
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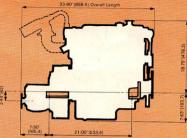
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Paner Ratings: 24 HW (32 Mgs Interestsent, 22 HW (20 Mgs Continues).







Engine ratings

The type 90/2 Marine Diesel Engine may be set to develop continuous outputs from 13-5 to 30 B.H.P. according to

For special applications where full power will not be required for periods in excess of 1 hour in any 12 hours consecutive running, the engine can be supplied at an intermittent rating of 36 B.H.P. at 3500 R.P.M.

NOTE: All horse power ratings quoted are at the engine flywheel. Due allowance must be made for transmission losses which will depend on the type of gearbox fitted. For tropical use it is necessary to derate the engine by 2% for each 51/2°C (10°F) above 30°C (85°F) air temperature at sea level. In some parts of the world further derating for humidity is necessary in accordance with BS649:1958

fuel cor	ous full sumption	power ra	tings and	d corresp	onding
B.H.P.		13-5	20	25.5	30
R.P.M.		1500	2000	2500	3000
Approx.	g.p.h.	-67	-91	1.22	1.5
	Lp.h.	2	4.15	e c c	0.0

Stern gear

Complete stem gear can be supplied in materials to suit individual requirements. Standard stern gear is of the water lubricated type incorporating a high tensile brass sterntube with cutless rubber bearings, a stainless steel tailshaft and a manganese bronze propeller.

Where existing shafting is to be retained the propeller and half coupling can be bored to suit.

The following table gives tailshaft and approximate propeller diameters for various reduction ratios. The propeller details are for general guidance only since each installation must be considered on its own merits, with particular attention to hull form, required performance and propeller aperture.

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5 5 TYPICAL FUEL	CONSUMPTION	(4.q.e) 1.5 7 1.0 3 0.5 3	

Drive Ratio	Propeller Dia (Depending on	Tailshaft Diameter		
Direct Drive	254-381 mm	10-15"	32mm	1%"
1.5:1	330-406mm	13-16"	32mm	11/4"
2:1	381-457mm	15-18"	38mm	1½"
2.5:1	457-533mm	18-21"	38mm	11/2"
3:1	533-610mm	21-24"	38mm	11/2"

NOTE: Shaft sizes for Lloyd's & Department of Trade applications on request

All drawings, dimensions, weights, fuel consumptions and other data contained in this leaflet are approximate only and, whilst they are substantially correct, are subject to alteration without notice. The outline arrangement drawings are not to scale. We reserve the right to make any variations in the above to peculiar action that we may consider

desirable to effect improvements, or which may be necessary through circumstances beyond our control. No such improvements, however, will be considered netrospective for engines already delivered. All orders placed with us or any of our authorised Dealers or Distributors will be deemed to have been given on this understanding.













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Power Ratings: 49kW (66 blps) Intermitten 41 kW (55 blps) Continuous







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52 kW (70 bhp) Intermittent 41 kW (55 bhp) Continuous



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Power Ratings: 60 kW (90 htps://disched. 56 kW (76 bigg) Internstitent.









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Power Ratings: 112.KW /150.bhpt High Output. 97.KW /130.bhpt Intermittent.



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Power Ratings: 63 4 kW (85 http://internstrees 57 7 kW (77 kfs)/ Continuous

