

DATA

Type designation TAMD41A
 Configuration 4-stroke, direct-injected diesel engine.

Light duty Medium duty
 Crankshaft output* 147 kW (200 hp) 125 kW (170 hp)
 Propeller shaft output*** 141 kW (192 hp) 120 kW (163 hp)
 Engine speed r/min 3800 3250

Number of cylinders 6
 Bore/stroke mm (in) 92/90 (3.62/3.54)
 Displacement, litres (in³) 3.6 (219)

Valve system Overhead
 Dry weight, engine with MS4A reverse gear approx kg (lb) 465 (1025)
 Dry weight, engine with PRM 402 reverse gear ratio 1.94-2.90:1 approx kg (lb) 505 (1113)

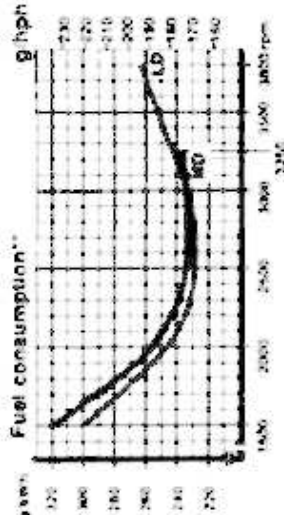
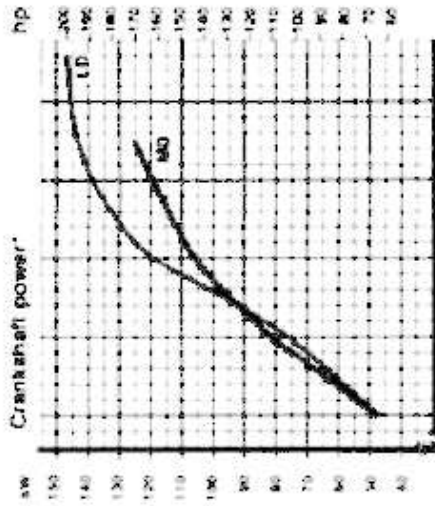
Dry weight, engine with PRM 402 reverse gear ratio 3.95:1 approx kg (lb) 513 (1131)

* Crankshaft ISO 3046 standard fuel stop power. Usable power will be reduced by transmission or gearbox losses. This power cannot be exceeded.

** ISO 3046 specific fuel consumption referred to crankshaft ISO standard fuel stop power.

Power, torque and fuel consumption ratings are based on run in engine at ISO standard atmospheric conditions, 27°C, 100 kPa and 60% relative humidity. The same data apply to DIN 6271, BS 5514 and SAE J 1228. SAE J 1349 uses slightly different conditions, 25°C, 100 kPa whereof 1 kPa vapour pressure, but the difference is negligible in most cases. Ratings are based on diesel fuel having LHV 42000 kJ/kg, density 835 g/litre and fuel temperature 40°C.

*** Propeller shaft ISO 3046 standard fuel stop power. This power cannot be exceeded.



Curve LD: Light duty.

The use of rated power at rated speed is limited to short periods followed by extended cruising at reduced speed. In commercial applications operation is limited to 200 hours per year.

Ex: Pleasure boats, fireboats, certain patrol boats and rescue boats.