



Diesel Engine 12V 4000 M63

For Vessels with Unrestricted Continuous Operation (1A)

General

Rated power ICFN kW (bhp)	1500 (2012)
Speed rpm	1800
Bore mm (in)	170 (6.7)
Stroke mm (in)	210 (8.3)
Displacement, total l cu (in)	57.2 (3491)
Flywheel housing	SAE 00
Gearbox model, standard	WAF 763 L
Gearbox model, alternative	ZF W7640
Cylinder configuration	12 V
Exhaust optimization *	IMO II/EPA 2/EU IIIA **

* IMO - International Maritime Organisation (MARPOL)

EPA - US Marine Regulation 40 CFR 94

EU - EU Nonroad Directive 97/68/EC, Tier III A

** Recognition through the RheinSchUO (CCNR)

Engine Dimensions

12V 4000 M63

Dimensions (LxWxH) mm (in)	2520x1850x2075 (99.2x72.8x81.7)
Mass, dry kg (lbs)	7240 (15961)

12V 4000 M63 - with standard gearbox*

Dimensions (L1xWxH1) mm (in)	4295x1850x2570 (169.1x72.8x101.2)
Mass, dry kg (lbs)	9675 (21329)

* gear ratio on request

Fuel consumption *

at rated power

g/kWh	201
l/h	363.3
gal/h	95.9

Tolerance + 5% per ISO 3046, Diesel fuel to DIN EN 590 with a min L.H.V. of 42800kJ/kg (18390 BTU/lb)

Website: www.pps-bv.nl