



Diesel Engines 16V 4000 M63R/M63/M63L

for Vessels with Unrestricted
Continuous Operation (1A)

Dimensions

16V 4000 M63R / M63 / M63L

Dimensions (L x W x H) mm - in	2990 x 1850 x 2070 mm	117.7 x 72.8 x 81.5 in
Dry weight kg - lbs	8590 kg	18938 lbs

16V 4000 - with standard gearbox

Dimensions (L x W x H) mm - in	4870 x 1850 x 2860 mm	191.7 x 72.8 x 112.5 in
Dry weight kg - lbs	12375 kg	27282 lbs

Engine Type

16V 4000 M63R

Rated power ICFN	1920 kW **	2575 bhp **
Speed	1600 rpm	
Number of cylinders	16	
Bore mm - in	170 mm	6.7 in
Stroke mm - in	210 mm	8.3 in
Displacement, total l : cu - in	76.3 cu	4656 in
Flywheel housing	SAE 00	
Gearbox model, standard	WAF 863	
Gearbox model, alternativ	ZF 9311	
Optimization of exhaust emissions *	IMO II/EPA 2/EU IIIA ****	

Fuel consumption at rated power

g / kWh	203
l / h	468
gal / h	123.6

Engine Type

16V 4000 M63

Rated power ICFN	2000 kW ***	2680 bhp ***
Speed	1800 rpm	
Number of cylinders	16	
Bore mm - in	170 mm	6.7 in
Stroke mm - in	210 mm	8.3 in
Displacement, total l : cu - in	76.3 cu	4656 in
Flywheel housing	SAE 00	
Gearbox model, standard	WAF 863 L	
Gearbox model, alternativ	ZF W7615	

Optimization of exhaust emissions * IMO II/EPA 2/EU IIIA ****

Fuel consumption at rated power

g / kWh	199
l / h	479.5
gal / h	126.7

Engine Type

16V 4000 M63L

Rated power ICFN	2240 kW	3004 bhp
Speed	1800 rpm	
Number of cylinders	16	
Bore mm - in	170 mm	6.7 in
Stroke mm - in	210 mm	8.3 in
Displacement, total l : cu - in	76.3 cu	4656 in
Flywheel housing	SAE 00	
Gearbox model, standard	WAF 863 L	
Gearbox model, alternativ	ZF 9350	

Optimization of exhaust emissions * IMO II/EPA 2/EU IIIA ****

Fuel consumption at rated power

g / kWh	195
l / h	526.3
gal / h	139.1

* IMO - International Maritime Organisation (MARPOL)
EPA - US Marine Regulation 40 CFR 94
EU - Nonroad Directive 97/68/EC

** 1840 kW with 1600 rpm available on request

*** 1920 kW with 1800 rpm available on request

**** Recognition through the RheinSchUO (CCNR)