



Diesel Engines 8V/12V/16V 4000 M70

For Vessels
with High Load Factors (1B)

Engine Type	8V4000 M70	
Rated power ICFN	1160 kW	1555 bhp
Speed	2000 rpm	
Number of cylinders	8	
Bore mm - in	175 mm	6.5 in
Stroke mm - in	190 mm	7.5 in
Displacement, total l : cu - in	32.5 cu	1983 in
Flywheel housing	SAE 00	
Gearbox type	ZF 4540 / i = 1.5 – 3.0	
Fuel consumption at rated power	211 g/kWh	
	294.9 l/h	
	77.9 gal/h	

Engine Dimensions

8V4000 M70		
Dimensions (L x W x H) mm - in	3015 x 1440 x 1775 mm	120.7 x 56.7 x 69.1 in
Dry weight kg - lbs	5600 kg	12346 lbs

Engine Type	12V4000 M70	
Rated power ICFN	1740 kW	2335 bhp
Speed	2000 rpm	
Number of cylinders	12	
Bore mm - in	165 mm	6.5 in
Stroke mm - in	190 mm	7.5 in
Displacement, total l : cu - in	48.7 cu	2972 in
Flywheel housing	SAE 00	
Gearbox type	ZF 4650 / i = 1.5 – 2.6	
Fuel consumption at rated power	201 g/kWh	
	421.4 l/h	
	111.3 gal/h	

Engine dimensions

12V4000 M70		
Dimensions (L x W x H) mm - in	3620 x 1520 x 1835 mm	142.5 x 59.8 x 72.2 in

Dry weight kg - lbs	7855 kg	17317 lbs
---------------------	---------	-----------

Engine Type

16V4000 M70

Rated power ICFN	2320 kW	3110 bhp
Speed	2000 rpm	
Number of cylinders	16	
Bore mm - in	165 mm	6.5 in
Stroke mm - in	190 mm	7.5 in
Displacement, total I : cu - in	65.0 cu	3967 in
Flywheel housing	SAE 00	
Gearbox type	ZF 7550 / i = 1.5 – 2.9	
Fuel consumption at rated power	201 g/kWh	
	561.8 l/h	
	148.4 gal/h	

Engine dimensions

16V4000 M70

Dimensions (L x W x H) mm - in	4525 x 1520 x 1890 mm	178.1 x 59.8 x 74.4 in
Dry weight kg - lbs	9210 kg	20304 lbs