



## Diesel Engines 8V/12V/16V 4000 M60

For Vessels with Unrestricted  
Continuous Operation (1A)

### Dimensions

#### 4000 M60 - with gearbox

##### 8V/WAF 562L

Dimensions (L x W x H) mm - in	3305 x 1380 x 2250 mm	130.1 x 54.3 x 88.6 in
Dry weight kg - lbs	6400 kg	14109 lbs

##### 12V/WAF 665

Dimensions (L x W x H) mm - in	3970 x 1520 x 2125 mm	156.3 x 59.8 x 83.7 in
Dry weight kg - lbs	8565 kg	1882 lbs

##### 16V/WAF 763

Dimensions (L x W x H) mm - in	4330 x 1520 x 2225 mm	170.5 x 59.8 x 87.6
Dry weight kg - lbs	10365 kg	22851 lbs

### Engine Type

	<b>8V 4000 M60 **</b>	
Rated power ICFN	880 kW	1180 bhp
Speed	1800 rpm	
Number of cylinders	8	
Bore mm - in	165 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	WAF 562L	i = 5.0 – 5.9
Optimization of exhaust emissions *	IMO I ***	

### Engine Type

	<b>12V 4000 M60</b>	
Rated power ICFN	1320 kW	1770 bhp
Speed	1800	
Number of cylinders	12	
Bore mm - in	165 mm	6.5 in
Stroke mm - in	190 mm	7.5
Displacement, total l : cu - in	48.7 cu	2972 in
Flywheel housing	SAE 00	
Gearbox type	WAF 665	i = 4.6 – 5.5

Optimization of exhaust emissions \* IMO I \*\*\* /EPA 2/CCNR II

<b>Engine Type</b>	<b>16V 4000 M60</b>	
Rated power ICFN	1760 kW	2360 bhp
Speed	1800 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	WAF 763	i = 4.6 – 5.7
Optimization of exhaust emissions *	IMO I *** /EPA 2/CCNR II	

\* IMO - International Maritime Organization (MARPOL)

EPA - US marine directive 40 CFR 94

RheinSchUO - CCNR, Stage II

\*\* 8V 4000 M60 available with 850 kW (1140 bhp) also with EPA 2 and CCNR II

\*\*\* Available also with IMO-40% (only E3-Cycle or on request)

**Website: [www.pps-bv.nl](http://www.pps-bv.nl)**