

MAN L32/40



Bore: 320 mm, Stroke: 400 mm

| | | | |
|---------|-------|-------|-------|
| Speed | r/min | 750 | 720 |
| mep | bar | 24.9 | 25.9 |
| | | kW | kW |
| 6L32/40 | | 3,000 | 3,000 |
| 7L32/40 | | 3,500 | 3,500 |
| 8L32/40 | | 4,000 | 4,000 |
| 9L32/40 | | 4,500 | 4,500 |

Specific Fuel Oil Consumption (SFOC) to ISO conditions

| | | |
|------------|-----------|-----------|
| MCR | 100% | 85% |
| L32/40 | 186 g/kWh | 183 g/kWh |
| L32/40 FPP | 189 g/kWh | 184 g/kWh |

Specific lube oil consumption 0.5 g/kWh

Engine type specific reference charge air temperature before cylinder 43 °C

Dimensions

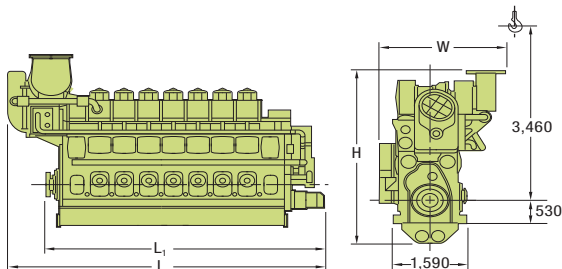
| Cyl. No. | | 6 | 7 | 8 | 9 |
|----------------|----|-------|-------|-------|-------|
| L | mm | 5,940 | 6,470 | 7,000 | 7,530 |
| L ₁ | mm | 5,140 | 5,670 | 6,195 | 6,725 |
| W | mm | 2,630 | 2,630 | 2,715 | 2,715 |
| H | mm | 4,010 | 4,010 | 4,490 | 4,490 |
| Dry mass | t | 38 | 42 | 47 | 51 |

Minimum centreline distance for twin engine installation: 2,500 mm¹⁾

Speed 720 r/min for generator drive/constant speed operation only

Fixed Pitch Propeller: 450 kW/cyl, 750 r/min

¹⁾ Please contact MAN Diesel & Turbo, for the precise information about the centreline distance for two engines with the same cylinder number standing near to each other





L32/40

Main Data

| | | |
|-------------------------|--------|-----------|
| Number of cylinder | | 6,7,8,9 |
| Rated power(MCR) | kW/cyl | 500 |
| Rated speed | rpm | 720/750 |
| Idle speed | rpm | 450 |
| Bore | mm | 320 |
| Stroke | mm | 400 |
| Cylinder distance | mm | 530 |
| Mean piston speed | m/s | 9.6/10 |
| Mean eff.Pressure(MEP) | bar | 24.9/25.9 |
| Compression ratio | | 14.5 |
| Displacement/cylinder | L | 32.17 |
| Max.combustion pressure | bar | 190 |
| Fuel oil acceptance | | MDO,HFO |
| Injection viscosity | cSt | Max.14 |

**ISO ambient condition Tolerance 5%.*

Fuel oil with lower calorific value of 42700 kJ/kg

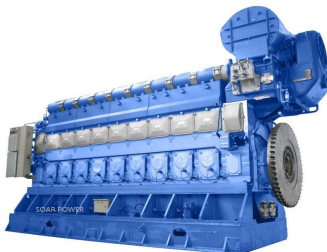
Without engine-driven pumps

Addition for engine-driven pumps;

1.5%(3g/kWh)for sea water pump.

0.7%(1.4g/kWh)for fresh water pump.

***For guidance only .*



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