

# MAN L27/38



**Bore: 270 mm, Stroke: 380 mm**

|           |       |         |          |         |          |
|-----------|-------|---------|----------|---------|----------|
| Speed     | r/min | 750     |          | 720     |          |
| Frequency | Hz    | 50      |          | 60      |          |
|           |       | Eng. kW | Gen. kW* | Eng. kW | Gen. kW* |
| 5L27/38   |       | 1,600   | 1,536    | 1,500   | 1,440    |
| 6L27/38   |       | 1,980   | 1,900    | 1,980   | 1,900    |
| 7L27/38   |       | 2,310   | 2,218    | 2,310   | 2,218    |
| 8L27/38   |       | 2,640   | 2,534    | 2,640   | 2,534    |
| 9L27/38   |       | 2,970   | 2,851    | 2,970   | 2,851    |

### Electr. GenSet Heat Rate at 100% Load

| Cyl. No.                  |        | 5L    |       | 6L    |       | 7L    |       | 8L    |       | 9L    |       |
|---------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Liquid fuel (WB2007/2008) | kJ/kWh | 8,140 | 8,095 | 8,140 | 8,095 | 8,140 | 8,095 | 8,140 | 8,095 | 8,140 | 8,095 |

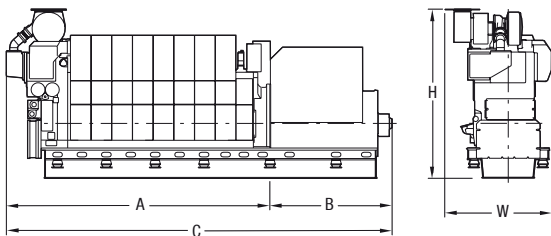
| Lube Oil Consumption | kg/h | 0.7-1.3 |  | 0.8-1.6 |  | 0.9-1.8 |  | 1.1-2.1 |  | 1.2-2.4 |  |
|----------------------|------|---------|--|---------|--|---------|--|---------|--|---------|--|
|----------------------|------|---------|--|---------|--|---------|--|---------|--|---------|--|

Nominal generator efficiency is 96%.

### GenSet Dimensions

| Cyl. No. |    | 5L    | 6L    | 7L    | 8L    | 9L    |
|----------|----|-------|-------|-------|-------|-------|
| A        | mm | 4,346 | 4,791 | 5,236 | 5,681 | 6,126 |
| B        | mm | 2,486 | 2,766 | 2,766 | 2,986 | 2,986 |
| C        | mm | 6,832 | 7,557 | 8,002 | 8,667 | 9,112 |
| W        | mm | 2,293 | 2,293 | 2,420 | 2,420 | 2,420 |
| H        | mm | 3,712 | 3,712 | 3,899 | 3,899 | 3,899 |
| Dry mass | t  | 40.0  | 44.5  | 50.4  | 58.2  | 64.7  |

Weights and dimensions are subject to final application



Note: The above dimension: only reference.

The final dimensions are determined by the type of generator.

\*Based on nominal generator efficiencies of 96%.



# L27/38

WB 2007

WB 2008

Configuration: In-line

Bore: 270mm

Stroke: 380 mm

Speed: 720/750 rpm

Piston speed: 9.1/9.5m/sec

Mean eff.press. :

5 cyl.engine :23.0/23.5 bar

6,7,8,9 cyl.engine (CRO) :25.3/24.3bar

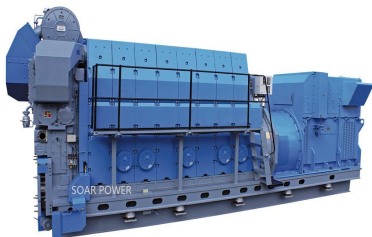
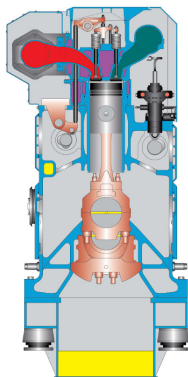
6,7,8,9 cyl.engine(MGO/MDO):26.1/25.7bar

Max.combust.press. :

5 cyl.engine:190 bar

6, 7, 8, 9 cyl.engine:200 bar

Fuel quality: Liquid Biofuel



URL: <http://www.soar.hk>

E-mail: [sale@soar.hk](mailto:sale@soar.hk)

Phone: +86-4008111308