

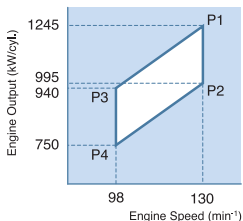
# MITSUBISHI UEC45LSE-1

## Main data

|               |         |
|---------------|---------|
| Cylinder bore | 450 mm  |
| Piston stroke | 1840 mm |
| Stroke/bore   | 4.09    |

## Rated power

| Speed | 130 min <sup>-1</sup> |       | 98 min <sup>-1</sup> |       |
|-------|-----------------------|-------|----------------------|-------|
|       | Piston speed          |       |                      |       |
|       | 8.0 m/s               |       | 6.0 m/s              |       |
| Cyl.  | P1                    | P2    | P3                   | P4    |
|       | kW                    | kW    | kW                   | kW    |
| 5     | 6 225                 | 4 975 | 4 700                | 3 750 |
| 6     | 7 470                 | 5 970 | 5 640                | 4 500 |
| 7     | 8 715                 | 6 965 | 6 580                | 5 250 |
| 8     | 9 960                 | 7 960 | 7 520                | 6 000 |



## Specific fuel oil consumption (SFOC)

|                  | P1    | P2    | P3    | P4    |
|------------------|-------|-------|-------|-------|
| 100% load, g/kWh | 174   | 168.7 | 174.0 | 168.7 |
| 85% load, g/kWh  | 171.4 | 167.4 | 171.4 | 167.4 |
| 75% load, g/kWh  | 171.7 | 167.9 | 171.7 | 167.9 |
| BMEP, bar        | 19.6  | 15.7  | 19.6  | 15.7  |

## Principal engine dimensions (mm) and weight (tonnes)

| Cyl. | L     | B     | C     | D     | F1    | G     | LCC | Weight |
|------|-------|-------|-------|-------|-------|-------|-----|--------|
| 5    | 5 102 | 3 000 | 1 000 | 6 900 | 8 600 | 1 560 | 792 | 168    |
| 6    | 5 894 | 3 000 | 1 000 | 6 900 | 8 600 | 1 560 | 792 | 195    |
| 7    | 6 686 | 3 000 | 1 000 | 6 900 | 8 600 | 1 560 | 792 | 222    |
| 8    | 7 478 | 3 000 | 1 000 | 6 900 | 8 600 | 1 560 | 792 | 252    |

Dimensions and weight are for engine of bedplate and column, made by cast iron.

