

SPECIFICATIONS

| Model | | 6LYA-UTE | | | 6LYA-STE | | | | | |
|--------------------------------------|--|---|-----------|-------------------------|----------|-------------------------|-------------------------------------|------------|-----------|------------|
| Class | | 6LYA-UTE | | 6LYAM-UTE | 6LYA-STE | | 6LYAM-STE | | | |
| Configuration | | 4-stroke, vertical, water cooled diesel engine | | | | | | | | |
| Number of cylinders | | 6 in-line | | | | | | | | |
| Bore × stroke | | mm (in.) | | 100 × 110 (3.94 × 4.33) | | | | | | |
| Displacement | | lit. (cu.in.) | | 5.184 (316) | | | | | | |
| Continuous rating output at flywheel | | kW/rpm (hp/rpm) | | 191.2/3100 (260.0/3100) | | 213.3/3100 (290.0/3100) | | | | |
| Maximum output at flywheel | | kW/rpm (hp/rpm) | | 231.7/3300 (315.0/3300) | | 257.4/3300 (350.0/3300) | | | | |
| Combustion system | | Direct injection | | | | | | | | |
| Aspiration | | Turbocharged with intercooler | | | | | | | | |
| Starting system | | Electric starting (D.C. 12V, 2.5kW starting motor/12V, 80A Alternator) | | | | | | | | |
| Cooling system | | Fresh water cooling by centrifugal fresh water pump and rubber impeller seawater pump | | | | | | | | |
| Lubrication system | | Forced lubrication with gear pump | | | | | | | | |
| Reduction and reversing gear | Model | KMH6A | | | — | | KMH6A | | | |
| | Type | Hydraulic multifriction disc clutch | | | — | | Hydraulic multifriction disc clutch | | | |
| | Reduction ratio (Ahead/Astern) | 1.58/1.58 | 1.92/1.92 | 2.26/2.26 | — | | 1.58/1.58 | 1.92/1.92 | 2.26/2.26 | |
| | Propeller speed (Ahead) (at continuous rating) | rpm | 2087 | 1718 | 1457 | — | | 2087 | 1718 | 1457 |
| Direction of rotation | Crankshaft | Counterclockwise viewed from stern | | | | | | | | |
| | Propeller shaft | Bi-rotation (for marine gear KMH6A) | | | — | | Bi-rotation (for marine gear KMH6A) | | | |
| Dry weight | | kg (lbs) | | 612 (1349) | | 510 (1124) | | 612 (1349) | | 510 (1124) |

Rating condition: ISO-3046/1 [Note]: hp ≈ 0.7355kW