

6N21AW

| Power | 662~956kW

Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 210 mm
- Piston Stroke : 290 mm
- Mean Effective Pressure : 1.65 - 2.24 MPa
- Piston Speed : 7.73 / 8.22 m/s

Rated Power

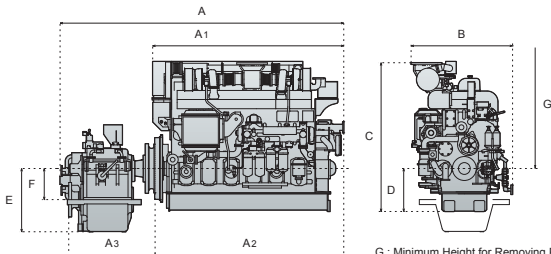
| Engine Model | 6N21A-DW | 6N21A-UW | 6N21A-SW | 6N21A-EW |
|--------------------------------------|--------------|---------------|---------------|---------------|
| Continuous Rated Power kW (PS) | 662 (900) | 736 (1000) | 883 (1200) | 956 (1300) |
| Rated Engine Speed min ⁻¹ | 800 | | 850 | |
| Engine Dry Weight kg | 8000 | | | |

Standard Marine Gear

| Propeller Type | | for F.P.P. | | | |
|------------------------------|----------|------------------------|--|------------------------|--|
| Marine Gear Model | Offset | Y-850 | | YX-1000 | |
| | Co-Axial | YC-850 | | YX-1000C | |
| Reduction Gear Ratio (Ahead) | Offset | 1.84, 2.07, 2.35, 2.68 | | 2.03, 2.36, 2.78, 3.32 | |
| | Co-Axial | 1.84, 2.07, 2.35, 2.68 | | 2.03, 2.36, 2.78, 3.32 | |
| Marine Gear Dry Weight kg | Offset | 2050 | | 2400 | |
| | Co-Axial | 2150 | | 2565 | |

Dimensions [mm] / Weights [kg]

| Engine Model | Marine Gear | A | A ₁ | A ₂ | A ₃ | B | C | D | E | F | G | Total Dry Weight with Marine Gear |
|------------------|-------------|------|----------------|----------------|----------------|------|------|-----|-----|-----|------|-----------------------------------|
| 6N21A-DW (662kW) | Y-850 | 3920 | 2776 | 2733 | 1158 | 1420 | 2081 | 601 | 814 | 359 | 1802 | 10128 |
| | YC-850 | 4051 | 2776 | 2733 | 1289 | 1420 | 2081 | 601 | 455 | - | 1802 | 10228 |
| 6N21A-UW (736kW) | YX-1000 | 4053 | 2776 | 2733 | 1199 | 1420 | 2081 | 601 | 885 | 435 | 1802 | 10478 |
| | YX-1000C | 4086 | 2776 | 2733 | 1232 | 1420 | 2081 | 601 | 450 | - | 1802 | 10643 |
| 6N21A-SW (883kW) | YX-1000 | 4059 | 2776 | 2733 | 1205 | 1420 | 2081 | 601 | 885 | 435 | 1802 | 10494 |
| 6N21A-EW (956kW) | YX-1000C | 4092 | 2776 | 2733 | 1238 | 1420 | 2081 | 601 | 450 | - | 1802 | 10659 |



G : Minimum Height for Removing Piston