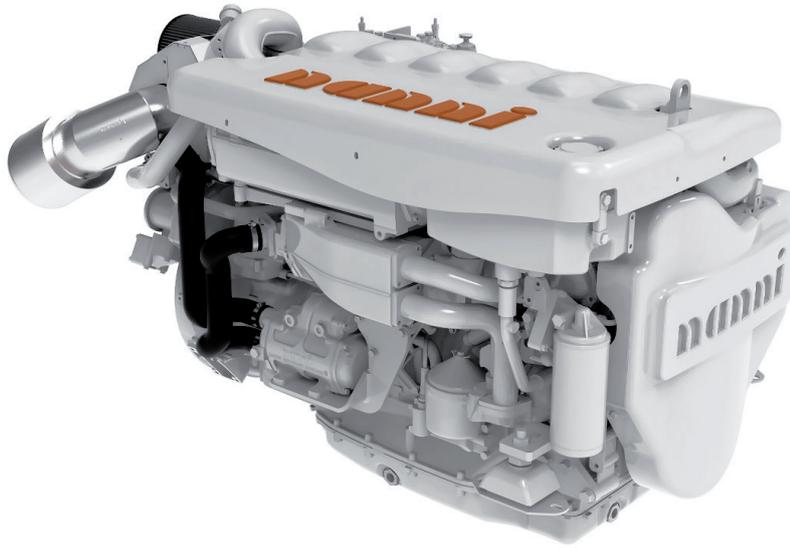


# N13.930 CR3

## SPECIFICATIONS



|                     |                               |                     |  |
|---------------------|-------------------------------|---------------------|--|
| Power at crankshaft | 680 kW [925 hp]               | Engine base         | Scania   |
| Displacement        | 12.7 l [775 in <sup>3</sup> ] | Fuel system         | Extra High Pressure Injection (XPI)                      |
| Configuration       | 6 cylinders in line           | Air intake          | Turbocharged with after cooler                           |
| Operation type      | 4 stroke Diesel               | Cooling             | Closed cooling with heat exchanger and charge air cooler |
| Bore & Stroke       | 130 x 160 mm [5.1 x 6.3 in]   | Max mounting angle  | 12° Front down<br>12° Front up                           |
| Compression ratio   | 17.3 : 1                      | Alternator          | 24 Volt<br>100 Amp                                       |
| Rated speed         | 2300 rpm                      | Rating              | M6.S   |
| Idling speed        | 600 rpm                       | Emission compliance | IMO Tier II<br>EU Stage IIIA                             |
| Peak torque         | 3145 Nm                       | Dry weight          | 1285 kg [2833 lbs]                                       |
| Peak torque speed   | 1700 rpm                      |                     |  |

# N13.930 CR3

680 kW [925 hp] at 2300 rpm

## TECHNICAL DESCRIPTION

### ENGINE BLOCK

- Extra high pressure fuel injection system, XPI
- Turbocharger
- Protection covers

### FUEL SYSTEM

- Scania Engine Management System, EMS
- Fuel pre-filter with water separator
- Fuel filter

### LUBRICATION SYSTEM

- Oil filter, full flow
- Centrifugal oil cleaner
- Oil cooler, integrated in block
- Oil filter
- Oil draining with plug
- Low oil sump
- Oil dipstick

### COOLING SYSTEM

- Sea water pump

### ELECTRICAL SYSTEM & INSTRUMENTATION

- Starter, 2-pole 7.0 kW
- Alternator, 2-pole 24V / 100A

### OTHER FEATURES

- Flywheel SAE 14"
- Silumin flywheel housing, SAE 1 flange
- Front-mounted engine brackets
- Closed crankcase ventilation
- Air cleaner
- Flexible engine mounting
- Damper pulley

### OPTIONAL SYSTEMS & ACCESSORIES

- Hydraulic pump
- Side-mounted PTO (SAE A)
- Axial front-mounted PTO
- Exhaust connections
- Engine heater
- Stiff rubber suspension
- Oil draining with pump
- Oil level sensor
- Bilge pump

## RATINGS

### M6.S

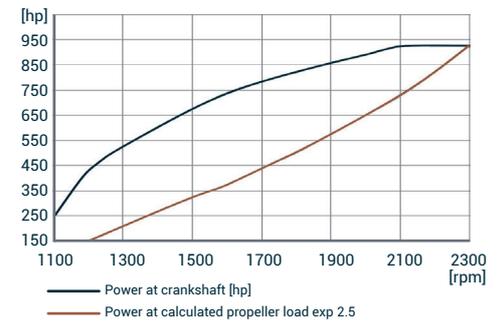
- Up to 500 annual operating hours
- Load factor up to 50%
- Full power for no more than 1 hour out of each 12 hours of operation. The remaining operation time must be at or below cruising speed

## TRANSMISSIONS

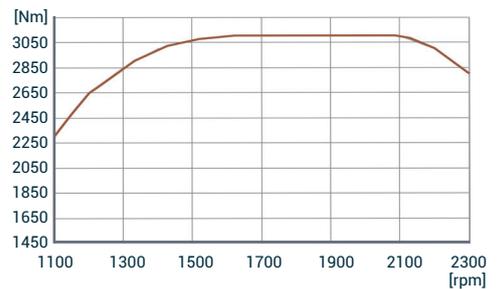
- Contact your Nanni representative for more details and availability about transmissions types and models range.

## PERFORMANCE CURVES

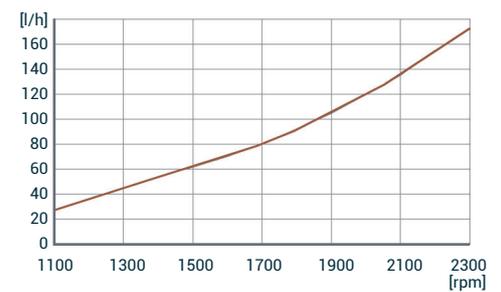
### POWER AT CRANKSHAFT



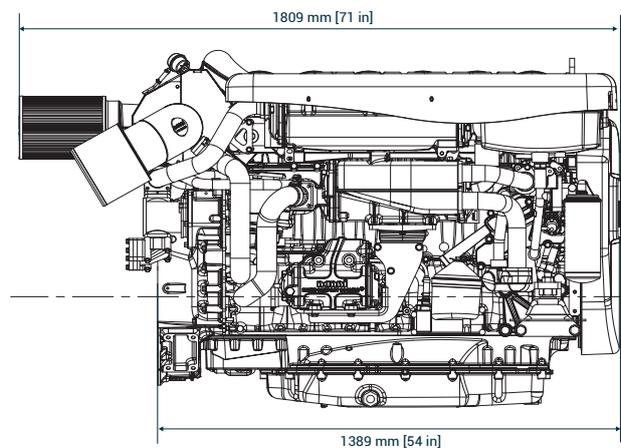
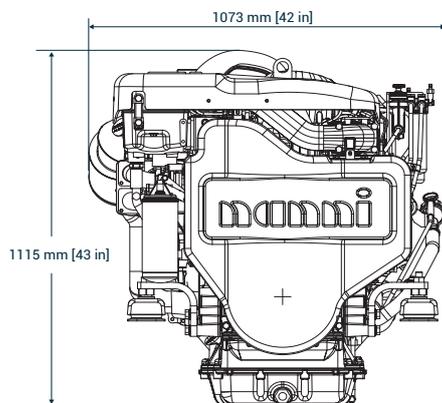
### TORQUE AT CRANKSHAFT



### FUEL CONSUMPTION



## DIMENSIONS



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