# N13.930 CR3

## SPECIFICATIONS

| | |
|---|---|
| Power at crankshaft | 680 kW [925 hp] |
| Displacement | 12.7 l [775 in³] |
| Configuration | 6 cylinders in line |
| Operation type | 4 stroke Diesel |
| Bore & Stroke | 130 x 160 mm [5.1 x 6.3 in] |
| Compression ratio | 17.3 : 1 |
| Rated speed | 2300 rpm |
| Idling speed | 600 rpm |
| Peak torque | 3145 Nm |
| Peak torque speed | 1700 rpm |

| | |
|---|---|
| Engine base | Scania |
| Fuel system | Extra High Pressure Injection (XPI) |
| Air intake | Turbocharged with after cooler |
| Cooling | Closed cooling with heat exchanger and charge air cooler |
| Max mounting angle | 12° Front down<br>12° Front up |
| Alternator | 24 Volt<br>100 Amp |
| Rating | M6.S |
| Emission compliance | IMO Tier II<br>EU Stage IIIA |
| Dry weight | 1285 kg [2833 lbs] |

nanni

ENERGY IN BLUE

# 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

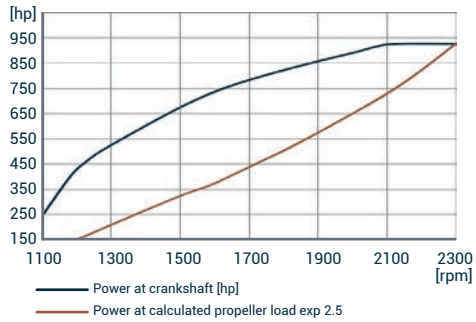
- Up to 500 annual operating hours
- Load factor up to 50%
- Full power for no more than 1 hour out of each 12 hours of operation. The remaining operation time must be at or below cruising speed

## TRANSMISSIONS

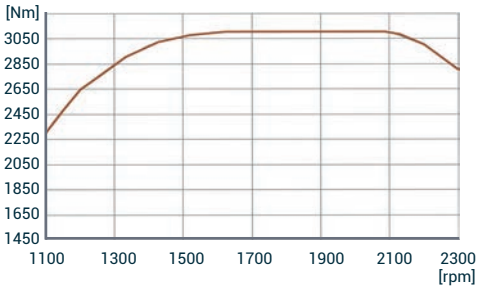
- Contact your Nanni representative for more details and availability about transmissions types and models range.

## PERFORMANCE CURVES

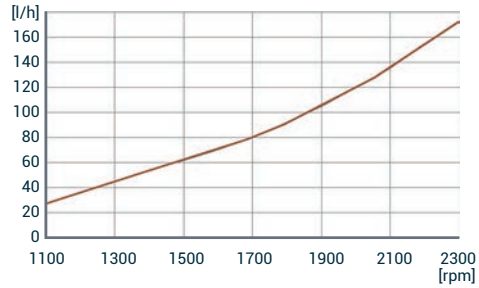
### POWER AT CRANKSHAFT



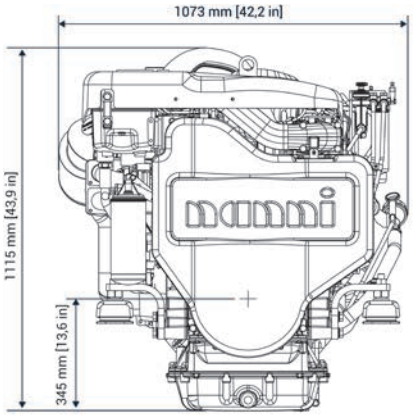

### TORQUE AT CRANKSHAFT

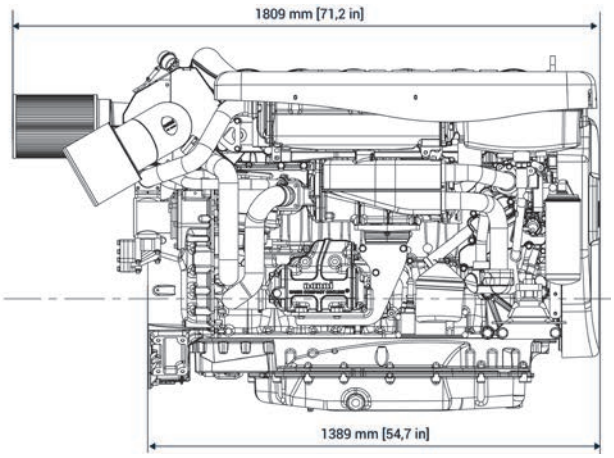



### FUEL CONSUMPTION




## DIMENSIONS

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