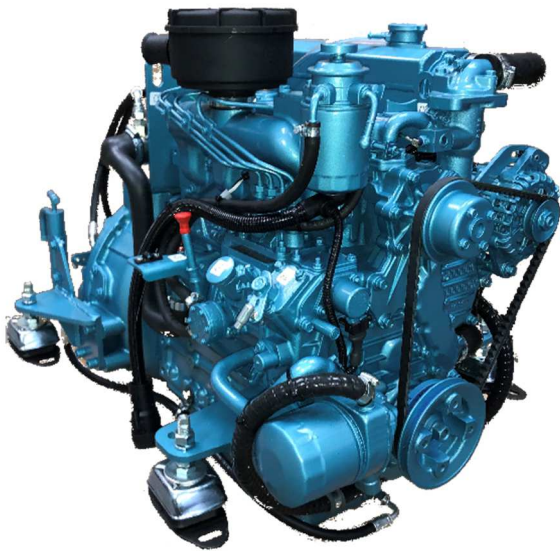


THORNYCROFT TK-40

4-cylinders in line 43 bhp @ 2600 r/min



Technical Specifications

| | |
|---------------------------------|-----------------------------------|
| Type | Diesel, 4 Stroke |
| No of cylinders | 4, in line |
| Intake system | Naturally Aspirated |
| Bore x Stoke | 87mm x 92.4mm |
| Total Displacement | 2179 cc |
| Intermittent power | 43 bhp @ 2600 r/min |
| Continuous power (ISO 8665) | 30.4 kW@ 2600 r/min |
| Injection System | Mechanical and indirect |
| Starter Motor | 12V |
| Alternator | 75A, 12V |
| Max Operating Angle | 30' intermittent / 25' continuous |
| Rotation (viewed from flywheel) | Counter clockwise |
| Cooling System | Sea water heat exchanger |
| Dry Weight without gearbox | 256 kg |
| Seawater inlet hose diameter | 27 mm |
| Fuel feed hose diameter | 8 mm |
| Fuel return hose diameter | 5 mm |
| Exhaust hose diameter | 50mm |
| Emission Compliance | EU RCD2 |

Engine Control Panel



203mm x 165mm

Standard – TK1

| |
|-------------------|
| Tachometer |
| Hour recorder |
| Keyswitch |
| Low Battery Alarm |
| High Engine Temp |
| Low Oil Pressure |



280mm x 190mm

Deluxe Panel - TK2

| |
|--------------------|
| Tachometer |
| Hour recorder |
| Keyswitch |
| Voltmeter |
| Temperature Gauge |
| Oil Pressure Gauge |

Scope of Supply

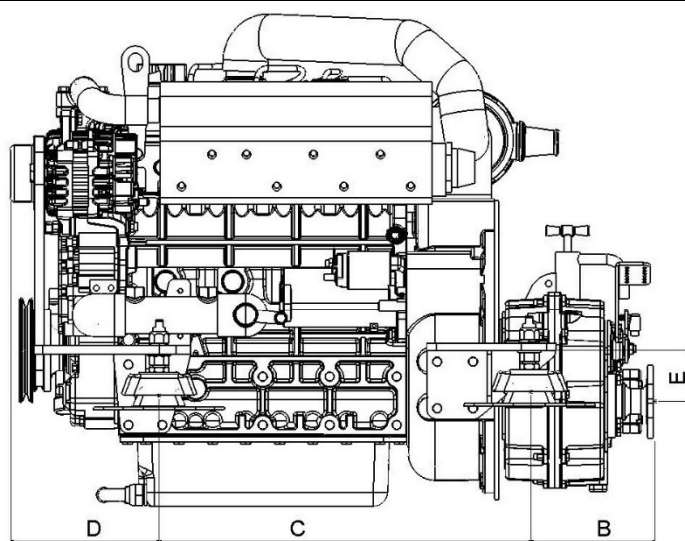
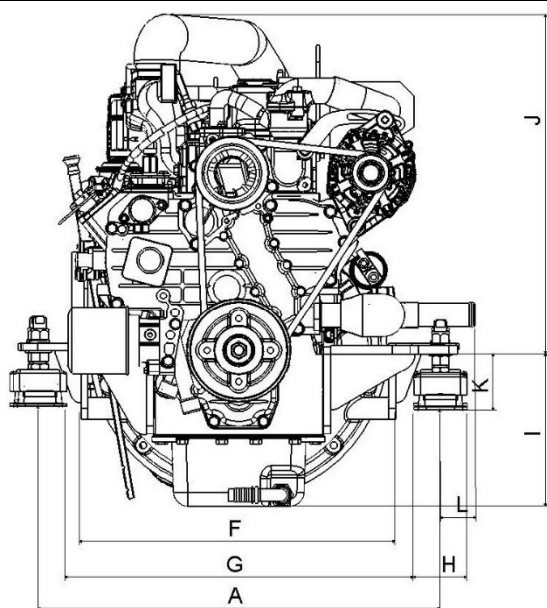
Standard Equipment

| |
|-----------------------------------|
| Standard Engine Control Panel TK1 |
| 4-metre extension loom |
| Anti-Vibration Mounts |
| Sump oil drain pump |
| Water trap within fuel filter |
| Single Side Servicing |
| Gear driven Water pump |
| Owner's Manual |
| |
| |

Optional Equipment

| |
|--|
| Deluxe Control Panel TK2 |
| Additional Alternators |
| Deck Wash Pump |
| Hydraulic Pumps |
| Front Power Take off |
| Hot Water connections |
| Dry exhaust / Keel Cooling (workboat only) |
| Water inlet system |
| Exhaust Systems |
| Fuel intake systems |

Engine Drawing



| Engine | A | B | C | D | E | F | G | H | I | J | K | L |
|-------------------|-----|-----|-----|-----|----|-----|-----|----|-----|-----|----|-----|
| Thornycroft TK-40 | 572 | 185 | 530 | 215 | 69 | 472 | 497 | 75 | 215 | 515 | 80 | 108 |

Dimensions are shown for Guidance Only, engine is shown with PRM 150

Gearbox Options

| Model | Angle | Ratio (Pleasure) | Ratio (Commercial) | Engine Weight with Gearbox |
|----------|-------|------------------------|------------------------|----------------------------|
| PRM 125 | 0° | 2.04:1 | N/A | 277 kg |
| PRM 150 | 0° | 1.53:1, 2.09:1, 2.82:1 | N/A | 277 kg |
| PRM 280 | 0° | 1.96:1, 2.94:1 | 1.96:1, 2.94:1 | 304 kg |
| TMC 345A | 8° | 1.54:1, 2.00:1, 2.47:1 | 1.54:1, 2.00:1, 2.47:1 | 281 kg |

Authorised Dealer:

THORNYCROFT

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Ref: TK-40/200421