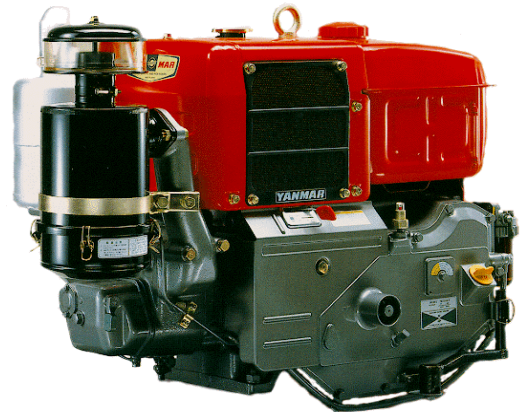


TS-190 Series

Yanmar Industrial Engine



TS-Series Engine

Gaskets/Washers/O-rings

- 1 **705890-92600 Gasket Set**
- 1 105890-01330 Head Gasket
- 2 104700-01490 Sump Gasket
- 1 103854-01410 Crank Case Side Cover Gasket
- 1 106990-11310 Bonnet Gasket
- 1 121850-11910 Injector Spacer - Head
- 1 128610-11900 Insulator - Injector to Head
- 1 105990-12050 Intake Manifold Gasket
- 1 106990-13200 Exhaust Manifold Gasket
- 1 103854-32051 Oil Pump O-ring
- 1 24421-587509 Crankshaft Seal (Flywheel End)
- 1 103854-02020 Bearing Cap Gasket (Flywheel End)
- 1 105940-76500 Crankshaft Seal

Bearings

- 1 105890-02300 Main Ball Bearing (Flywheel End)
- 1 104705-02820 Main Ball Bearing
- 1 105890-23330 B/E Bearing Std
- 1 127610-23910 Piston Pin Bush

0.25mm

N/A
N/A

0.50mm

N/A
N/A
105890-23350 105890-23360

Liner, Pistons, Rings

- 1 705890-01900 Liner Assy
- 1 **105890-22010 Piston & Ring Assy Std**
- 1 705890-22501 Ring Set Std
- 1 127610-22300 Piston Pin
- 2 22252-000360 Circlip
- 1 **705890-23100 Con-Rod Assy**

0.25mm

N/A
705890-22620
705890-22541

0.50mm

N/A
705890-22820
705890-22550

Cylinder Head

- 1 105990-11100 Inlet Valve
- 1 105990-11110 Exhaust Valve
- 2 106990-11120 Valve Springs
- 2 103854-11191 Cotter

Senders (Shutdown Kit)

- 1 124160-39450 Oil Sender
- 1 121250-44901 Temp Sender

V/Belt, Pulleys

- 1 25117-004051 V-Belt
- 1 105990-44800 Tension Pulley, Assy
- 1 106700-76790 Crank Handle

Fuel Injection

- 1 **705890-51700 Fuel Injection Pump**
- 1 105990-51100 Plunger With Barrel
- 1 124412-51300 Valve W/Seat, Delivery Valve
- 1 **705990-53100 Fuel Injector**
- 1 105990-53001 Nozzle Assy
- 1 105890-39200 Fuel Line- Fuel Pump to Injector
- 1 105890-59140 Fuel Line- Inj Return to Tank
- 1 106800-59050 Fuel Line- Tank to Filter Assy
- 1 105891-59010 Fuel Line - Filter to Pump
- 1 101168-55040 Fuel Cap Assy
- 1 705890-55700 Fuel Tank Assy

Electrical Components

- 1 105890-44200 Fan Assy
- 1 104884-77210 Starter Motor/Generator

Filters

- 1 **Air Filter** **Washable Oil Bath Type**
- 1 **105991-55710 Fuel Filter**
- 1 **105991-55510 Fuel Filter Bowl**
- 1 **24321-000500 Fuel Filter Bowl O-Ring**
- 1 **Oil Filter** **Washable Type**