

Engine Specs

N105054

ENGINE 466 TURBO ASPERATED NATURAL GAS

HORSE POWER 200 HP (149.2 kW) @1800 RPM
TORQUE 590 FT-LBS (800 N-m)@ 1800 RPM
FIRING ORDER 1, 5, 3, 6, 2, 4
COOLANT FLOW 50 GPM (189.3 L) @ 1800 RPM
COOLANT CAPACITY 18 QT (17 L)
FAN / WATER PUMP RATIO 1 : 0.9
TOP COOLANT TANK TEMP 210° F (98.8° C)
SPARK PLUG GAP 0.015" (0.381 mm)
VALVE LASH025" (0.635 mm)

OIL CAPACITY 21 QT (19.87 L)
OIL TYPE SPECIFIED FOR NATURAL GAS ENGINES
OIL GRADE SAE 15W40 MULTIVIS
OIL CLASSIFICATION SJ/SL/CF-4/CB-4/CH-4
OIL SPECIFICATION SULFATED ASH CONTENT 0.15% MIN/0.85% MAX
FLASH POINT..... 400° F (204° C) MIN

INTAKE AIR FLOW @ 1800 328 CFM
INTAKE AIR FLOW @ 2200 400 CFM
EXHAUST FLOW @ 1800 1008 CFM
EXHAUST FLOW @ 2200 1970 CFM

MAX RESTRICTION (INTAKE) 10" H2O (25.4 CM)
MAX RESTRICTION (EXHAUST) 27" H2O (68.6 CM)

FLYWHEEL HOUSING SAE #2
FLYWHEEL SAE 11.5"

PHYSICAL DATA

SHIPPING DRY 1450 LBS DRY ENGINE ONLY

LENGTH 75" (190.5 CM)
HEIGHT 58" (147.3 CM)
WIDTH 41.5" (105.4 CM)

TIMING DATA

TOWN GAS 27° BTDC
PIPELINE GAS TBD
WELLHEAD GAS TBD
LANDFILL GAS TBD

ENGINE 466 NATURALLY ASPERATED NATURAL GAS

HORSE POWER 140 HP (104.4 kW) @1800 RPM
 TORQUE409 FT-LBS(554.5N-m) @ 1800 RPM
 FIRING ORDER1, 5, 3, 6, 2, 4
 COOLANT FLOW50 GPM (189.3 L) @ 1800 RPM
 COOLANT CAPACITY 18 QT (17 L)
 FAN / WATER PUMP RATIO1 : 0.9
 TOP COOLANT TANK TEMP210° F (98.8° C)
 SPARK PLUG GAP 0.015" (0.381 mm)
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FLYWHEEL HOUSING SAE #2
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PHYSICAL DATA

SHIPPING DRY 1450 LBS DRY ENGINE ONLY

LENGTH 75" (190.5 CM)
 HEIGHT 58" (147.3 CM)
 WIDTH 41.5" (105.4 CM)

TIMING DATA

TOWN GAS 17° BTDC
 PIPELINEGAS 17° BTDC
 WELLHEAD GAS 12° BTDC
 LANDFILL GAS 24° BTDC

CRITICAL ENGINE TORQUE SPECIFICATIONS

VALVE COVER BOLT	SHEETMETAL 26 IN/LBS/...ALUMUNUM 40 +/- 10 IN/LBS
OIL PUMP INLET TUBE MOUNTING BOLT	18 FT/LBS
OIL PUMP MOUNTING BOLT	20 FT/LBS
CAMSHAFT THRUST PLATE BOLT	20 FT/LBS
CRANKCASE FRONT PLATE MOUNTING BOLT.....	20 FT/LBS
INTAKE MANIFOLD MOUNTING BOLT	20 FT/LBS
OIL PAN MOUNT BOLTS (SHORT)	20 FT/LBS
OIL PAN MOUNT BOLTS (LONG).....	20 FT/LBS
SPARK PLUG	20 FT/LBS
WATER PUMP MOUNTING BOLTS.....	35 FT/LBS
IDLER GEAR RETAINING BOLTS	85 FT/LBS
MAIN BEARING BOLTS	115 FT/LBS
CONNECTING ROD BOLTS	130 FT/LBS
OIL PRESSURE REGULATOR VALVE BOLTS	170 FT/LBS
CYLINDER HEAD BOLTS	170 FT/LBS
OIL PAN DRAIN PLUG.....	27 FT/LBS
OIL FILTER BYPASS CAP.....	50 FT/LBS
CRANKSHAFT PULLY.....	105 FT/LBS
ROCKER ARM ADJUSTMENT SCREW NUT.....	20 FT/LBS
EXHAUST BOLT.....	57 FT/LBS
TURBO MOUNT BOLT.....	35 LB/LBS