

John Deere 4045HF275 4.5L Industrial Diesel Engine

EMISSIONS CERTIFICATIONS

CARB

0

EPA Tier 2

0

EU Stage II

0

GENERAL ENGINE DATA

Model

4045HF275

Number of cylinders

4

Displacement-- L (cu in)

4.5 (275)

Bore and Stroke-- mm (in)

106 x 127 (4.17 x 5.00)

Compression Ratio

17.0:1

Engine Type

In-line, 4-Cycle

Aspiration

Turbocharged and air-to-air aftercooled

Length - mm (in)

867 (34.1)

Width-- mm (in)

637 (25.1)

Height-- mm (in)

979 (38.5)

Weight, dry - kg (lb)

451 (994)

PERFORMANCE DATA RANGE

Intermittent - Rated power/Rated speed 86-104 kW (115-139 hp) @2000-2400 rpm

Intermittent - Peak power 86-104 kW (115-139 hp) @2000-2400 rpm

Intermittent - Peak torque 498 N·m (367 ft-lb) @1400 rpm

Intermittent - Torque rise NA