



JOHN DEERE

ENGINE PERFORMANCE CURVE

Rating: Gross Power

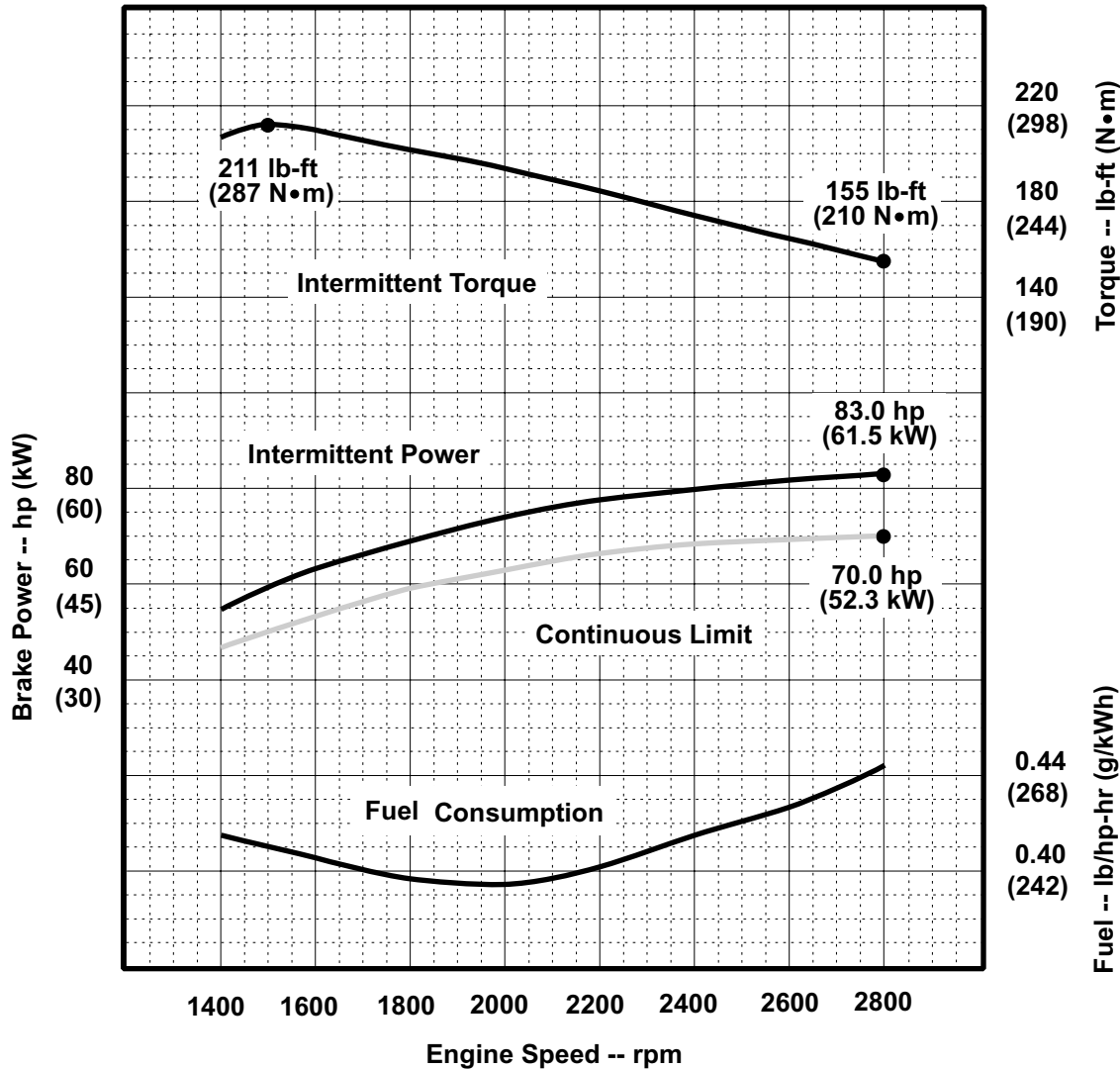
Application: Industrial
Intermittent / Continuous

PowerTech 3.0 L Engine

Model: 5030TF270

83.0* hp @ 2800 rpm

61.5* kW @ 2800 rpm



Air Intake Restriction 12 in.H₂O (3 kPa)
Exhaust Back Pressure 30 in.H₂O (7.5 kPa)

Gross power guaranteed within + or - 5% at SAE J1995 and ISO 3046 conditions:

- 77 °F (25 °C) air inlet temperature
- 29.31 in.Hg (99 kPa) barometer
- 104 °F (40 °C) fuel inlet temperature
- 0.853 fuel specific gravity @ 60 °F (15.5 °C)

Conversion factors:

- Power: kW = hp x 0.746
- Fuel: 1 gal = 7.1 lb, 1 L = 0.85 kg
- Torque: N•m = lb-ft x 1.356

All values are from currently available data and are subject to change without notice.

Notes:

Tier-2* Emission Certifications:

Certified by:

CARB; EPA; EU
Ref: Engine Emission Label

Brian L. Carlson
4 Apr 03

* Revised Data

Curve: 5030TF270831* Sheet 1 of 2
April 2003

