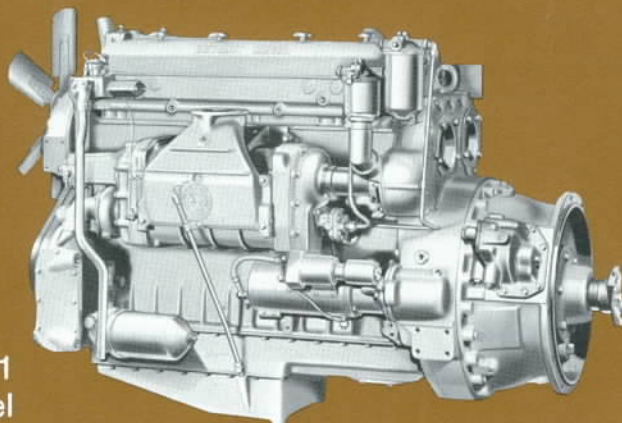


Detroit Diesel Engines

fan-to-flywheel models

with torque converter

4-71
6-71



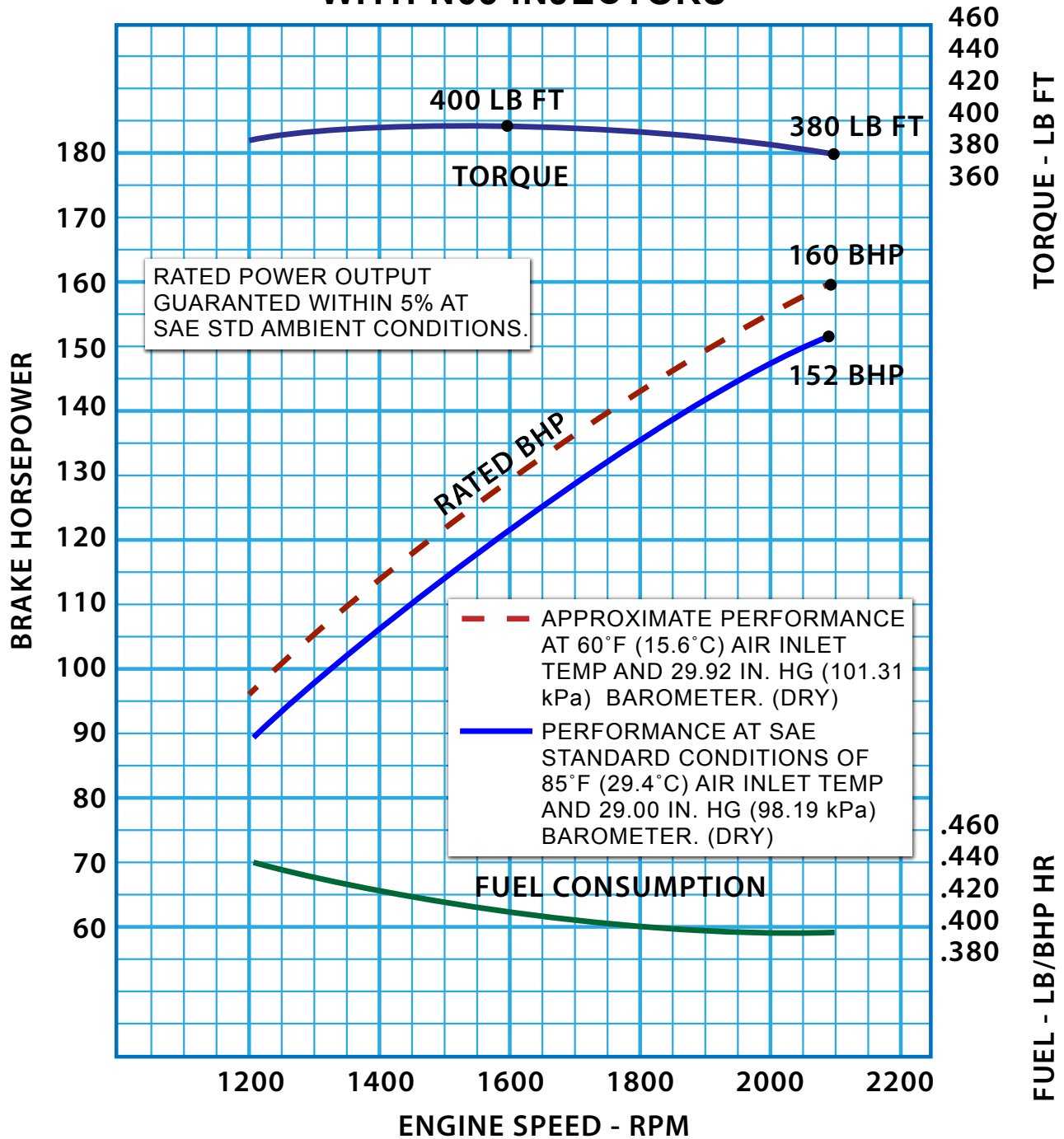
Typical 6-71
Fan-to-Flywheel Model
with Torque Converter

specifications

Basic Engine	4-71 N65 Injectors	6-71 N65 Injectors
Model	1043-5001	1063-5001
Engine Type	Two Cycle	Two Cycle
Number of Cylinders	4	6
Bore and Stroke	4¼ in x 5 in (108 mm x 127 mm)	4¼ in x 5 in (108 mm x 127 mm)
Compression Ratio	18.7 to 1	18.7 to 1
Rated Gross Power:		
60°F (15.6°C) and 29.92 in Hg (101.31 kPa) Bar. (Dry)	160 BHP (119 kW) @ 2100 RPM	238 BHP (178 kW) @ 2100 RPM
SAE: 85°F (29.4°C) and 29.00 in Hg (98.19 kPa) Bar. (Dry)	152 BHP (113 kW) @ 2100 RPM	228 BHP (170 kW) @ 2100 RPM
Continuous Gross Power:		
SAE: 85°F (29.4°C) and 29.00 in Hg (98.19 kPa) Bar. (Dry)	117 BHP (87 kW) @ 1800 RPM	175 BHP (131 kW) @ 1800 RPM
Torque:		
SAE: 85°F (29.4°C) and 29.00 in Hg (98.19 kPa) Bar. (Dry)	400 lb ft (542 N•m) @ 1600 RPM	600 lb ft (813 N•m) @ 1600 RPM
Net Performance at Converter Output:		
Torque Converter Model	Series TC 430	Series TC 570
Torque Multiplication at Stall Speed	3.44 to 1	3.19 to 1
Rated Shaft Horsepower*		
85°F (29.4°C) and 29.00 in Hg (98.19 kPa) Bar. (Dry)	108 BHP (81 kW) @ 1700 RPM	178 BHP (133 kW) @ 1850 RPM
Torque at Stall Speed	1260 lb ft (1708 N•m)	1810 lb ft (2454 N•m)
Approximate Dimensions:		
Length	56 in (1422 mm)	68 in (1727 mm)
Width	33 in (838 mm)	33 in (838 mm)
Height	42 in (1067 mm)	43 in (1092 mm)
Net Weight (Dry)	2100 lbs (953 kg)	2610 lbs (1184 kg)
*Converter output shaft speed, engine governed at 2100 RPM.		

For complete dimensional information, refer to installation drawing 2SA104 for Model 1043-5001 and 2SA89 for Model 1063-5001.

BASIC ENGINE PERFORMANCE SERIES: PF 4-71N WITH N65 INJECTORS



POWERFORCE® Remanufactured 2 - Cycle Detroit Diesels Engines comply with applicable codes and standards

All data subject to change without notice. The information in this white-page specification is believed to be accurate but all recommendations are made without warranty, since the conditions of use are beyond Central Power Systems & Services control. Central Power Systems & Services disclaims any liability in connection with the use of this information, and does not warrant against infringement by reason of the use of any of its products in combination with other material or in any process. Central Power Systems & Services warrants only that the product complies with specifications agreed to in contracts of sale. Central Power Systems & Services reserves the right to change any of the technical information and data detailed in this paper.

To accurately provide PowerForce Engines and to avoid any potential charge-backs on cores or for returned product, it is imperative that all information supplied is correct and that the engine in the equipment is like for like. If the engine has ever been changed out, it should be reviewed for potential changes.



www.powerforce.com

POWERFORCE® - A Premium Brand For Power and Drive
© 2013 POWERFORCE® a registered brand of Central Power Systems & Services. All rights reserved.
Specifications are subject to change without notice.