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Basic Engine Model:
6BTA5.9-C174
Engine Family: **D40**
CPL Code: **1961**

Curve Number:
FR-90016
Date:

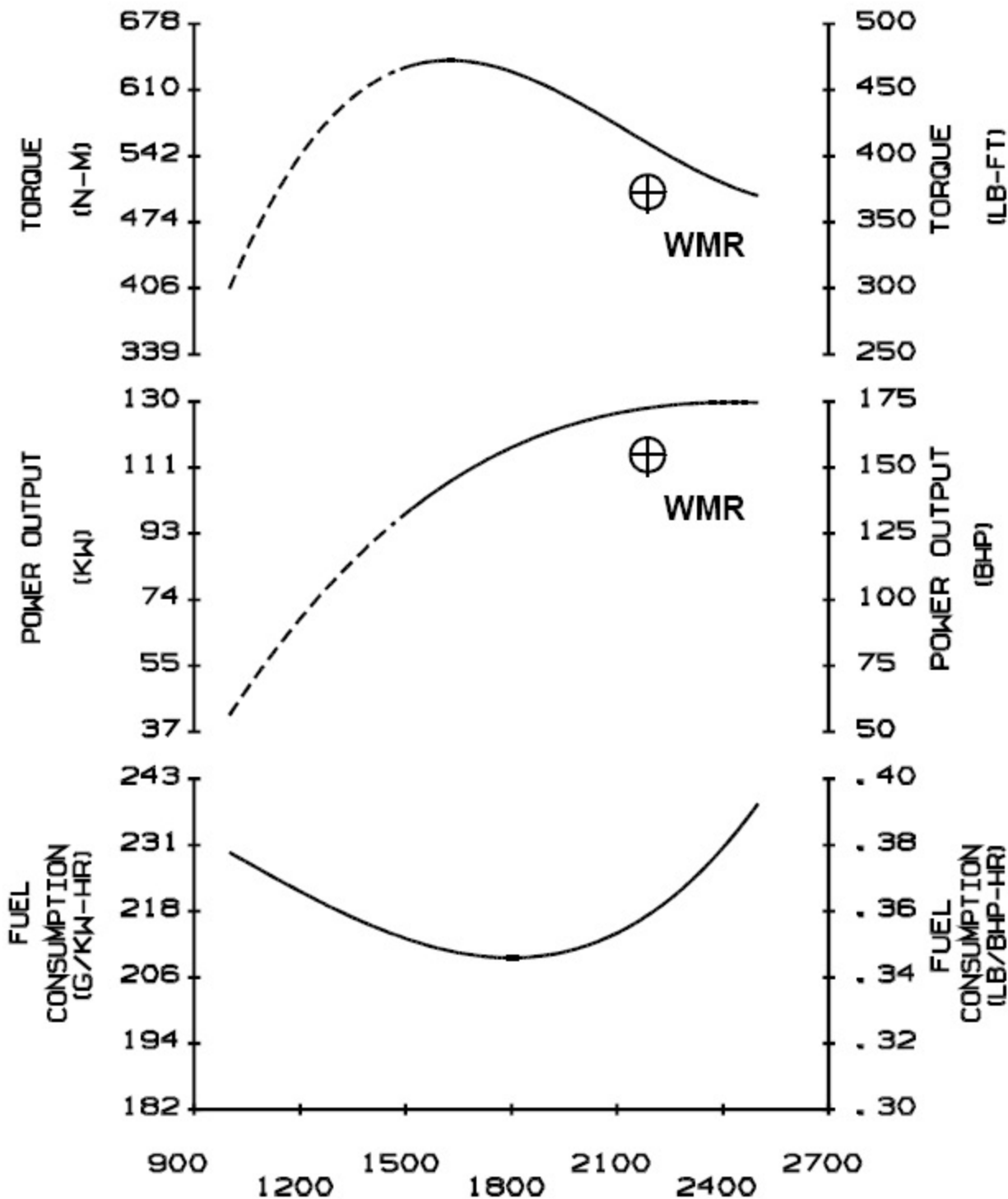
Industrial
Pg. No.
6BTA5.9
157

Displacement: **5.88 litre (359 in.³)** Aspiration: **Turbocharged & JWAC**
 Bore: **102 mm. (4.02 in.)** Rating Type: **Intermittent**
 Stroke: **120 mm (4.72 in.)** No. of Cylinders: **6**
 Emission Control: **NONE** Fuel System: **Inline - Bosch A/RSV**

kW (BHP) @ RPM
130 (174) 2500
8% Governor Regulation

All data are based on the engine operating with fuel system, water pump, lubricating oil pump, and 250 mm H₂O (10 in. H₂O) inlet air restriction and with 50 mm Hg (2.0 in. Hg) exhaust restriction; not included are alternator, fan, optional equipment and driven components.

INTERMITTENT RATING



TORQUE

RPM	N•m	lb.-ft.
1000	393	(290)
1100	492	(363)
1300	607	(448)
1500	621	(458)
1700	621	(458)
1900	618	(456)
2100	574	(423)
2200	565	(417)
2500	496	(366)

⊕ Water Management Rating
2200 508 (375)

POWER OUTPUT

RPM	kW	BHP
1000	41	(55)
1100	57	(76)
1300	83	(111)
1500	98	(131)
1700	110	(148)
1900	123	(165)
2100	126	(169)
2200	131	(175)
2500	130	(174)

⊕ Water Management Rating
2200 118 (157)

FUEL CONSUMPTION

RPM	g/kW-hr	lb/BHP-hr
1000	221	(.363)
1100	239	(.393)
1300	219	(.360)
1500	211	(.347)
1700	208	(.342)
1900	210	(.345)
2100	217	(.357)
2200	221	(.364)
2500	237	(.390)