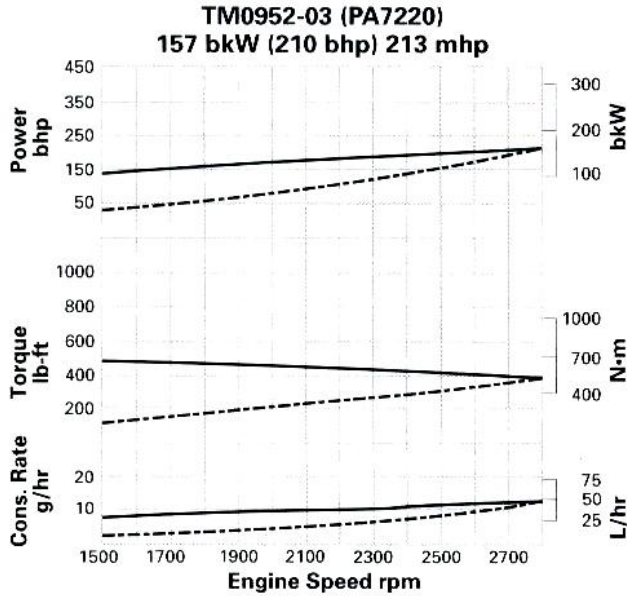


PERFORMANCE CURVES

Naturally Aspirated (DINA)

E Rating – 2800 rpm



Prop Demand ----- 3.0 Exponent
(for displacement hulls only)

Engine Performance Parameters:

Power ±3%
Specific Fuel Consumption ±3%
Fuel Rate ±5%

Cubic Prop Demand Curve Data
(for displacement hulls only)

Speed rpm	Power bkW	Torque N-m	Fuel Cons g/bkW-hr	Fuel Rate L/hr
2800	157	534	241	45.0
2600	125	460	226	33.8
2400	99	392	226	26.5
2200	76	330	230	20.8
2000	57	272	236	16.1
1800	42	221	246	12.2
1700	35	197	251	10.5
1600	29	174	257	9.0
1500	24	153	263	7.5

Speed rpm	Power bhp	Torque lb-ft	Fuel Cons lb/bhp-hr	Fuel Rate g/hr
2800	210	394	.397	11.9
2600	168	339	.372	8.9
2400	132	289	.371	7.0
2200	102	243	.377	5.5
2000	76	201	.389	4.3
1800	56	163	.404	3.2
1700	47	145	.413	2.8
1600	39	128	.423	2.4
1500	32	113	.433	2.0

Power bkW	Torque N-m	Fuel Cons g/bkW-hr	Fuel Rate L/hr
157	534	241	45.0
151	554	237	42.6
144	574	232	39.9
137	595	225	36.8
129	615	222	34.0
120	636	216	30.9
115	645	218	29.9
109	653	217	28.3
104	663	213	26.4

Power bhp	Torque lb-ft	Fuel Cons lb/bhp-hr	Fuel Rate g/hr
210	394	.397	11.9
202	409	.390	11.3
193	423	.381	10.5
184	439	.370	9.7
173	454	.364	9.0
161	469	.355	8.2
154	476	.359	7.9
147	482	.357	7.5
140	489	.350	7.0

Max Power Curve Data

E RATING – Planing hull vessels such as pleasure craft, harbor patrol, harbor master, and some fishing and pilot boats.

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