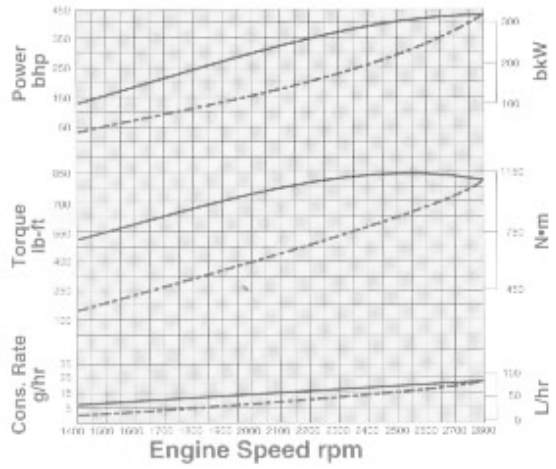
CATERPILLAR®

3126 MARINE ENGINE – 287-313 bkW

PERFORMANCE CURVES

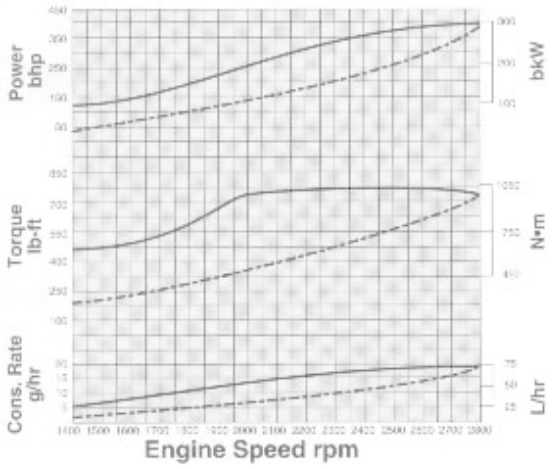
E Rating – 2800 rpm
313 bkW (420 bhp) 426 mhp



	Max Power Curve Data				Prop Demand Curve Data			
Speed rpm	Power bkW	Torque N•m	Fuel Cons g/bkW-hr	Fuel Rate L/hr	Power bkW	Torque N•m	Fuel Cons g/bkW-hr	Fuel Rate L/hr
2800	313	1067	221	82.6	313	1067	221	82.6
2600	304	1117	212	76.7	251	920	212	63.5
2400	287	1143	208	71.3	197	784	210	49.3
2200	260	1130	207	64.3	152	659	209	37.8
2000	200	953	208	49.4	114	545	209	28.5
1800	163	865	210	40.7	83	441	213	21.1
1600	130	775	213	33.0	58	349	220	15.3
1400	99	677	217	25.7	39	267	233	10.9
Speed rpm	Power bhp	Torque lb-ft	Fuel Cons lb/bhp-hr	Fuel Rate g/hr	Power bhp	Torque lb-ft	Fuel Cons lb/bhp-hr	Fuel Rate g/hr
2800	420	787	.363	21.8	420	787	.363	21.8
2600	408	824	.349	20.3	336	679	.349	16.8
2400	385	843	.342	18.8	264	578	.345	13.0
2200	349	833	.340	17.0	204	486	.344	10.0
2000	268	703	.342	13.1	153	402	.344	7.5
1800	219	638	.345	10.8	112	325	.350	5.6
1600	174	572	.350	8.7	78	257	.362	4.0
1400	133	499	.357	6.8	52	197	.383	2.9

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

E Rating – 2800 rpm
287 bkW (385 bhp) 390 mhp



Prop Demand -------- 3.0 Exponent

- Engine Performance Parameters: Power +/- 3%; Specific Fuel Consumption +/- 3%; Fuel Rate +/- 5%.

	Max Power Curve Data				Prop Demand Curve Data			
Speed rpm	Power bkW	Torque N•m	Fuel Cons g/bkW-hr	Fuel Rate L/hr	Power bkW	Torque N•m	Fuel Cons g/bkW-hr	Fuel Rate L/hr
2800	287	979	215	73.7	287	979	215	73.7
2600	286	1051	209	71.1	230	844	207	56.7
2400	261	1040	204	63.6	181	719	206	44.4
2200	238	1034	202	57.4	139	604	208	34.5
2000	217	1034	206	53.1	105	499	213	26.6
1800	143	759	212	36.1	76	405	221	20.1
1600	111	663	218	28.8	54	320	231	14.7
1400	93	634	222	24.6	36	245	246	10.5
Speed rpm	Power bhp	Torque lb-ft	Fuel Cons lb/bhp-hr	Fuel Rate g/hr	Power bhp	Torque lb-ft	Fuel Cons lb/bhp-hr	Fuel Rate g/hr
2800	385	722	.354	19.5	385	722	.354	19.5
2600	384	775	.343	18.8	308	623	.340	15.0
2400	351	767	.335	16.8	242	530	.338	11.7
2200	319	763	.332	15.2	187	445	.342	9.1
2000	290	763	.338	14.0	140	368	.350	7.0
1800	192	560	.349	9.5	102	299	.363	5.3
1600	149	489	.358	7.6	72	236	.379	3.9
1400	125	468	.365	6.5	48	181	.404	2.8

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

Materials and specifications are subject to change without notice.

The International System of Units (SI) is used in this publication.

LEHM7009
Supersedes LEHM6131, LEHM6377, LEHM6564, LEHM6706, LEHM5302

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