

LUGGER

by NORTHERN LIGHTS

Performance Data

L6125H Performance Data

High Output Rating ¹ FWHP / kW / @ rpm	470 / 350 / 2300
Medium Duty Rating ¹ FWHP / kW / @ rpm	440 / 328 / 2200
Continuous Duty Rating FWHP / kW / @ rpm	350 / 261 / 1800

RATING Curve	HIGH OUTPUT ¹				
	A	B	C	D	
RPM	ft/lbs	fwhp	pdhp	RPM	gph
700	637	85	13	2300	22.3
800	709	108	20	2093	16.6
900	788	135	28	1842	11.3
1000	817	156	39	1450	5.9
1100	919	192	51		
1200	984	225	67		
1300	1056	261	85		
1400	1085	289	106		
1500	1150	328	130		
1600	1186	361	158		
1700	1215	393	190		
1800	1244	426	225		
1900	1244	450	265		
2000	1208	460	309		
2100	1165	466	358		
2200	1121	470	411		
2300	1073	470	470		

RATING Curve	MEDIUM DUTY ¹				
	A	B	C	D	
RPM	ft/lbs	fwhp	pdhp	RPM	gph
700	644	86	14	2200	20.3
800	694	106	21	2003	15.7
900	781	134	30	1757	10.8
1000	839	160	41	1389	5.3
1100	933	195	55		
1200	984	225	71		
1300	1063	263	90		
1400	1165	310	112		
1500	1215	347	139		
1600	1208	368	169		
1700	1193	386	203		
1800	1186	407	241		
1900	1165	421	283		
2000	1121	427	331		
2100	1078	431	383		
2200	1051	440	440		

RATING Curve	CONTINUOUS				
	A	B	C	D	
RPM	ft/lbs	fwhp	pdhp	RPM	gph
700	644	86	21	1800	16.5
800	687	105	31	1640	12.6
900	788	135	44	1442	8.4
1000	875	167	60	1137	4.4
1100	926	194	80		
1200	984	225	104		
1300	1085	269	132		
1400	1165	310	165		
1500	1143	326	203		
1600	1121	342	246		
1700	1070	347	295		
1800	1021	350	350		

Notes: 1. Cruise rpm for is 200 rpm below max attainable rpm or 2100 RPM for High Output and 2000 RPM for Medium Duty.

Dealer

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Performance Curves and Specifications

Rating Definitions: Following are the definitions of duty ratings for Luggers. Please contact your Luger representative to verify your application.

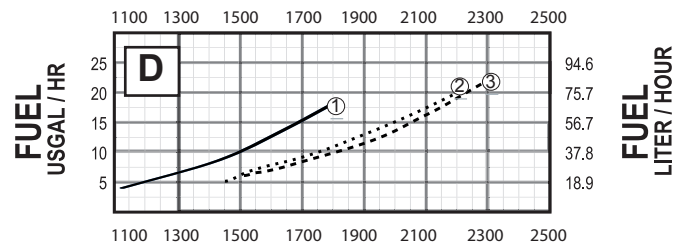
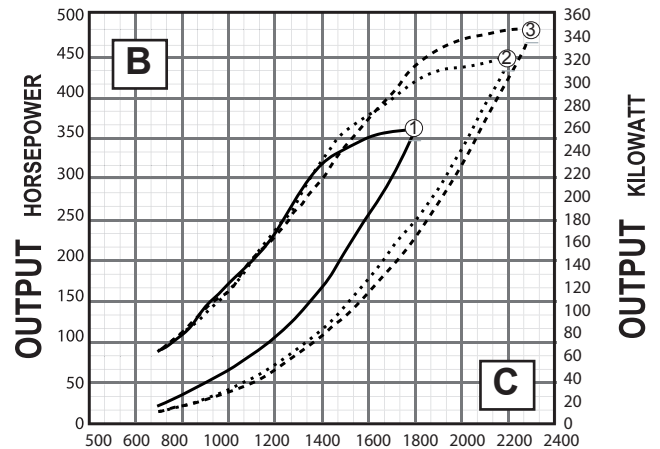
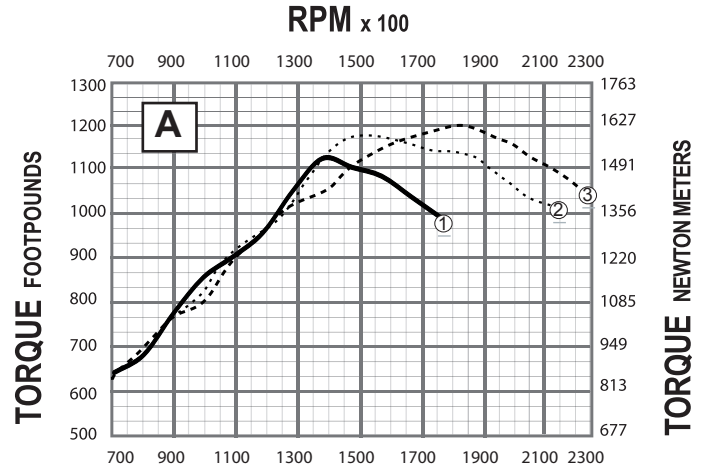
High Output: Based on a load factor of 20% or less. A maximum of five minutes at full throttle, followed by not less than ten minutes at cruise power or below.

For applications up to 200 total hours per year.

Medium Duty: Based on a load factor of 66% or less. A maximum of two hours at full throttle, followed by at least one hour at cruise power or below.

For applications up to 4000 total hours per year.

Continuous Duty: Based on a load factor of 100%. No limit on time at full throttle. No limit on hours per year.



Curves:

- A. Maximum torque at flywheel.
- B. Flywheel power. Prop shaft power is 3-3.5% lower due to marine reduction gears.
- C. Theoretical Propeller Power Draw. Prop shaft 3.0 - 3.5% Lower due to marine reduction gear / power loss.
- D. Fuel consumption based on theoretical propeller power draw. Your fuel consumption will vary based on vessel and operating conditions.



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