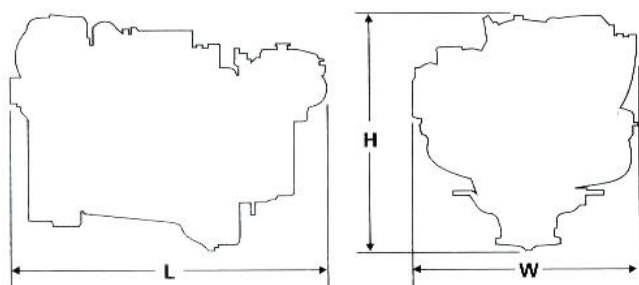


DIMENSIONS



Type	L		H		W	
	mm	in	mm	in	mm	in
DINA	1086	42.7	921	36.2	917	36.1
DITA	1271	50.0	1019	40.1	963	37.9

RATING DEFINITIONS AND CONDITIONS

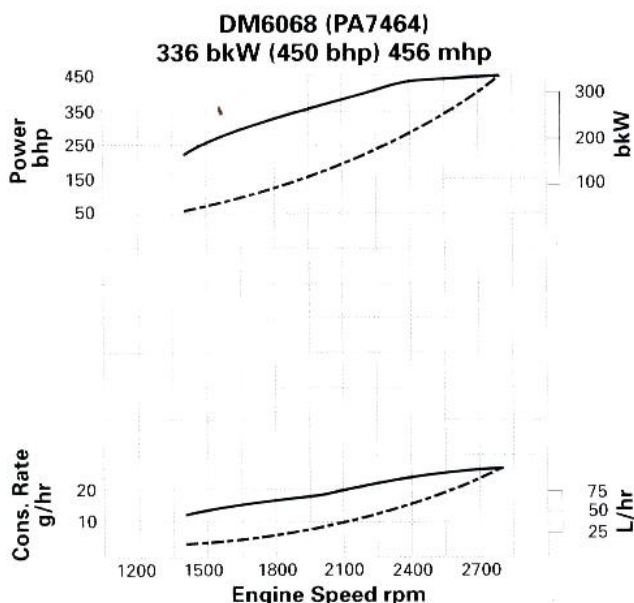
Ratings are based on SAE J1228/ISO8665 standard conditions of 100 kPa (29.61 in Hg), 25° C (77° F), and 30% relative humidity. These ratings also apply at ISO3046/1, DIN6271/3, and BS5514 conditions of 100 kPa (29.61 in Hg), 27° C (81° F), and 60% relative humidity.

Fuel rates are based on fuel oil of 35° API [16° C (60° F)] gravity having an LHV of 42 780 kJ/kg (18 390 Btu/lb) when used at 29° C (85° F) and weighing 838.9 g/liter (7.001 lbs/U.S. gal).

Additional ratings may be available for specific customer requirements. Consult your Caterpillar representative for additional information.

PERFORMANCE CURVES

E Rating – 2800 rpm



Cubic Prop Demand Curve Data
(for displacement hulls only)

Speed rpm	Power bkW	Fuel Cons g/bkW-hr	Fuel Rate L/hr
2800	336	249	99.4
2400	211	222	55.9
2000	122	216	31.5
1600	63	225	16.8
1400	42	234	11.7

Speed rpm	Power bhp	Fuel Cons lb/bhp-hr	Fuel Rate g/hr
2800	450	.409	26.3
2400	283	.365	14.8
2000	164	.355	8.3
1600	84	.370	4.4
1400	56	.385	3.1

Max Power Curve Data

Speed rpm	Power bkW	Fuel Cons g/bkW-hr	Fuel Rate L/hr
2800	336	249	99.4
2400	323	234	90.0
2000	269	223	71.5
1600	214	227	58.0
1400	165	234	45.9

Speed rpm	Power bhp	Fuel Cons lb/bhp-hr	Fuel Rate g/hr
2800	450	.409	26.3
2400	433	.384	23.8
2000	361	.366	18.9
1600	287	.373	15.3
1400	221	.385	12.1

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

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

Engine Performance Parameters:

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