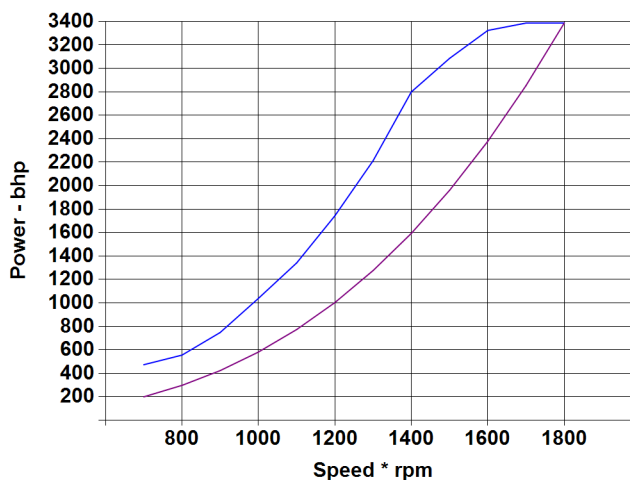
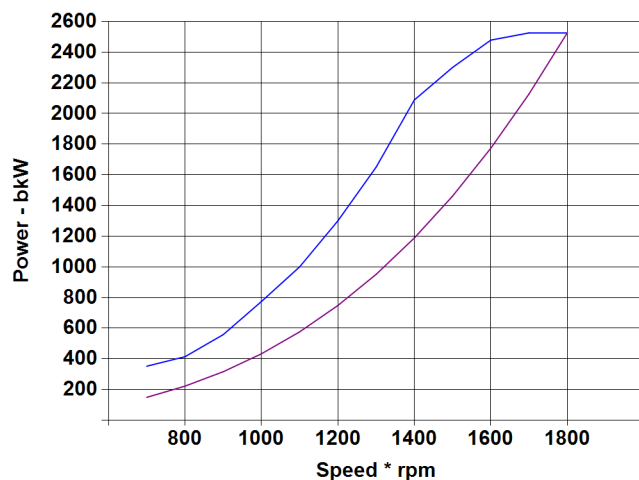


3516C DITA
(3386 bhp) @ 1800 rpm

Rating Type: D-RATING

Emissions: IMO Tier II U.S. Export Only

Performance Number: DM8436-07



DEFINITIONS

M or Max Power - Maximum power capability of the engine at various engine speed or RPM.

P or Propeller - A standard cubic propeller demand curve starting at rated speed and RPM, with resultant load at lower engines speeds. This industry standard curve applies to full displacement hulls and is used for comparison purposes. Semi-displacement or planning hulls will have actual propeller demand curves that are specific to each unique hull design.

	Engine Speed RPM	Engine Power kW	BSFC g/bkW-hr	Fuel Rate L/hr	Boost Press kPa Gauge	Intake Air Flow m³/min	Exhst Mani Temp °C	Exhst Gas Flow m³/min	Engine Speed RPM	Engine Power bhp	BSFC lb/bhp-hr	Fuel Rate gph	Boost Press in Hg Gauge	Intake Air Flow cfm	Exhst Mani Temp °F	Exhst Gas Flow cfm
Zone Limit	1800	2525	208	616.7	263.1	205.1	646	551.6	1800	3386	.341	162.9	77.9	7242	1196	19478
	1700	2127	208	520.2	225.4	176.4	625	463.5	1700	2853	.342	137.4	66.8	6229	1156	16366
	1600	1773	205	427.7	185.1	149.1	600	376.5	1600	2378	.337	113.0	54.8	5264	1112	13296
	1500	1461	202	346.7	146.2	121.7	564	302.1	1500	1960	.332	91.6	43.3	4298	1047	10667
	1400	1188	203	283.3	110.9	101.0	559	244.4	1400	1593	.333	74.8	32.8	3566	1038	8631
	1300	951	204	227.8	72.1	75.5	569	186.9	1300	1276	.335	60.2	21.3	2667	1056	6601
	1200	748	209	183.8	46.6	60.1	558	150.1	1200	1003	.343	48.6	13.8	2121	1037	5300
	1100	576	213	144.1	20.7	48.7	526	118.1	1100	773	.349	38.1	6.1	1720	980	4170
	1000	433	212	107.7	15.0	39.1	470	87.9	1000	581	.348	28.5	4.4	1382	878	3102
	900	316	209	77.7	9.6	32.7	405	64.2	900	423	.344	20.5	2.8	1154	761	2266
Curve:P	800	222	217	56.6	5.2	28.1	332	50.1	800	297	.357	14.9	1.5	991	630	1770
	700	149	241	42.1	2.7	24.6	268	41.9	700	199	.396	11.1	0.8	869	515	1479

	Engine Speed RPM	Engine Power kW	BSFC g/bkW-hr	Fuel Rate L/hr	Boost Press kPa Gauge	Intake Air Flow m³/min	Exhst Mani Temp °C	Exhst Gas Flow m³/min	Engine Speed RPM	Engine Power bhp	BSFC lb/bhp-hr	Fuel Rate gph	Boost Press in Hg Gauge	Intake Air Flow cfm	Exhst Mani Temp °F	Exhst Gas Flow cfm
Zone Limit	1800	2525	208	616.7	263.1	205.1	646	551.6	1800	3386	.341	162.9	77.9	7242	1196	19478
	1700	2525	205	608.0	259.0	193.2	657	528.7	1700	3386	.336	160.6	76.7	6824	1215	18670
	1600	2478	202	590.2	245.9	179.0	679	499.5	1600	3323	.333	155.9	72.8	6322	1254	17638
	1500	2301	200	541.2	219.9	156.8	689	449.7	1500	3085	.329	143.0	65.1	5537	1272	15878
	1400	2088	199	487.5	198.3	141.0	685	398.7	1400	2799	.326	128.8	58.7	4979	1265	14077
	1300	1650	197	383.0	152.2	110.6	664	296.9	1300	2213	.324	101.2	45.1	3905	1227	10483
	1200	1300	201	307.4	108.8	86.3	666	234.3	1200	1743	.330	81.2	32.2	3048	1232	8275
	1100	1000	205	240.0	80.0	68.0	650	180.0	1100	1340	.335	65.0	21.0	2400	1050	6600
	1000	750	210	180.0	60.0	50.0	500	130.0	1000	1000	.340	50.0	16.0	1800	800	5000
	900	500	215	120.0	40.0	35.0	400	80.0	900	670	.345	35.0	11.0	1200	550	3500
Curve:M	800	300	220	80.0	30.0	25.0	300	50.0	800	400	.350	25.0	8.0	900	400	2500
	700	200	230	50.0	20.0	15.0	200	30.0	700	270	.355	15.0	5.0	600	270	1500



3516C DITA
(3386 bhp) @ 1800 rpm

Rating Type: D-RATING

Emissions: IMO Tier II U.S. Export Only

Performance Number: DM8436-07

1100	1000	208	245.0	41.8	65.1	688	183.4
1000	775	218	198.6	28.7	49.0	702	140.7
900	558	219	143.6	22.1	36.4	632	99.0
800	414	217	105.7	13.0	29.4	559	72.0
700	353	226	93.7	8.7	25.1	557	60.5

1100	1341	.342	64.7	12.4	2299	1270	6476
1000	1039	.358	52.5	8.5	1731	1296	4967
900	748	.360	37.9	6.5	1284	1169	3495
800	555	.357	27.9	3.9	1038	1038	2542
700	473	.371	24.7	2.6	885	1034	2137

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