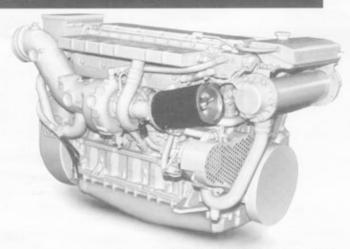
CATERPILLAR®

Marine Engine

3116

205-350 hp 2400-2800 rpm



SPECIFICATIONS

In-Line 6, 4-Stroke-Cyc	cle-Diesel
Bore-mm (in)	
Stroke-mm (in)	
	n) 6.6 (402)
Rotation (from flywhee	l end) Counterclockwise
Capacity for Liquids -	L (U.S. gal)
Cooling System	
Lube Oil System (r	refill)25.0 (6.6)
Oil Change Interva	al
Engine Weight, Net Dry	(approx)-kg (lb)
Turbocharged-Afte	rcooled (TA) 681 (1,500)

Shown with Accessory Equipment PERFORMANCE DATA*

Turbocharged-Aftercooled

Rating Level	E 2800 n 224 kW (300 bhp)** 305 mhp		2600 205 kW (275 bhp)** 279 mhp			C 2600 190 kW (255 bhp)** 258 mhp				В		A			
Rated rpm										2400		2400			
Engine Power @ rpm									153 kW (205 bhp)** 208 mhp			153 kW (205 bhp)** 208 mhp			
rpm	2800	2400	2000	2600	2200	1800	2600	2200	1800	2400	2000	1600	2400	2000	1600
kW	224	141	82	205	125	70	190	116	65	153	89	46	153	89	45
g/kW-hr	225	215	221	217	219	223	219	218	225	214	220	233	214	220	233
L/hr	60.2	36.1	21.6	53.0	32.6	18.6	49.6	30.2	17.4	39.0	23.2	12.6	39.0	23.2	12.6
bhp	300	189	109	275	168	94	255	156	87	205	119	61	205	119	61
lb/hp-hr	.370	.353	.363	.357	.380	.367	.360	.358	.370	.352	.362	.383	.352	.362	.383
gal/hr	15.9	9.5	5.7	14.0	8.6	4.9	13.1	8.0	4.6	10.3	6.1	3.3	10.3	6.1	3.3

Turbocharged-Aftercooled

Turbocharged-Aftercoole	ed														
Rating Level	E 2800 m 261 kW (350 bhp)** 355 mhp		D			C			В			A			
Rated rpm				2600		2600				2400		2400			
Engine Power @ rpm			231 kW (310 bhp)** 314 mhp			209 kW (280 bhp)** 284 mhp			172 kW (230 bhp)** 234 mhp			172 kW (230 bhp) 234 mhp			
rpm	2800	2400	2000	2600	2200	1800	2600	2200	1800	2400	2000	1600	2400	2000	1600
kW	261	165	97	231	140	80	209	120	73	172	98	54	172	98	54
		200						000			000	000	000	.000	000

g/kw-nr	239	210	221	234	229	202	201	223	200	220	200	220	220	200	220	
L/hr 74.3 42			25.8	64.4	38.1	21.2	57.4	34.6	19.3	45.0	27.2	13.7	45.0	27.2	13.7	
bhp	350	221	130	310	188	107	280	161	98	230	131	72	230	131	72	
lb/hp-hr	.393	.358	.373	.385	.376	.381	.380	.376	.383	.362	.378	.372	.362	.378	.372	
mal/hr	40.0	44.0	0.0	100	101	E 0	15.0	0.4	E 4	44.0	7.0	26	110	7.0	26	

^{*} Represents performance along a typical fixed pitch propeller curve.

RATING LEVEL DEFINITIONS

- E For use in pleasure craft with planing hulls, as well as for patrol, pilot and harbor master boats.
- D For use in patrol, customs, police and some fire boats.
- B For use in midwater trawlers, purse seiners, crew and supply boats, ferry boats with trips longer than one hour, and towboats in rivers where locks, sandbars, curves, or traffic dictate frequent slowing.

^{**} Power rated in accordance with NMMA procedure as crankshaft power. For units equipped with Caterpillar-supplied marine gears, reduce crankshaft power by 3% for propeller shaft power.

- C For use in yachts with displacement hulls, as well as ferries with trips less than one hour, fish boats with higher speed journey out and back (e.g., some lobster, crayfish, and tuna), and short trip coastal freighters.
- A For use with little load cycling in oceangoing displacement hulls such as freighters, tugboats, and bottom-drag trawlers, and deep river towboats.