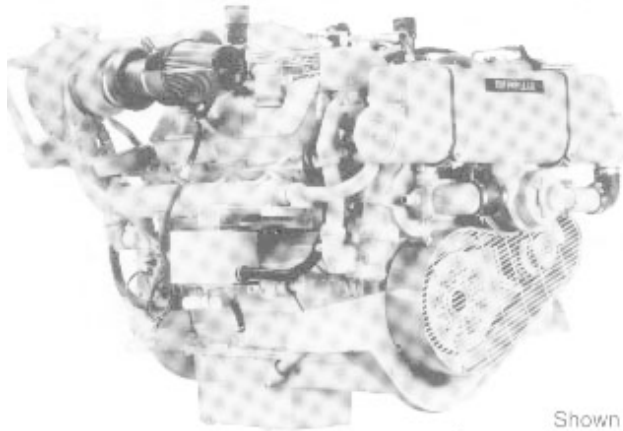


CATERPILLAR®

Marine Engine

3408

600 hp, 700 hp, 800 hp
2300 rpm



Shown with
Accessory Equipment

SPECIFICATIONS

V-8, 4-Stroke-Cycle-Diesel

Bore—mm (in).....	137 (5.4)
Stroke—mm (in).....	152 (6.0)
Displacement—L (cu in).....	18 (1,099)
Rotation (from flywheel end).....	Counterclockwise
Compression Ratio.....	14.1:1
Capacity for Liquids — L (U.S. gal)	
Cooling System (engine only)	59 (15.5)
Lube Oil System (refill)	45.5 (12.0)
Oil Change Interval—L (gal).....	13,000 (3,400)/fuel
Engine Weight, Net Dry (approx)—kg (lb) ...	1,814 (4,000)
Governor	Electronic

PERFORMANCE DATA*

Turbocharged-Aftercooled

Rating Level	E	D	C
Rated rpm	2300	2300	2300
Engine Power @ rpm	597 kW (800 bhp) 811 mhp	522 kW (700 bhp) 710 mhp	448 kW (600 bhp) 608 mhp

rpm	2300	1900	1400	2300	1900	1400	2300	1900	1400
kW	597	336	135	522	294	118	448	252	101
g/kW-hr	217	207	225	216	209	228	216	213	233
L/hr	155	83	36	135	73	32	115	64	28

bhp	800	451	180	700	395	158	600	338	135
lb/hp-hr	.356	.339	.369	.355	.344	.375	.355	.350	.383
gal/hr	40.8	21.9	9.5	36.0	19.0	9.0	31.0	17.0	7.0

RATING CONDITIONS

Ratings are based on SAE J1349 standard conditions of 100 kPa (29.61 in. Hg) and 25° C (77° F). These ratings also apply at ISO 3046/1, DIN 6271, and BS 5514 standard 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 lb/U.S. gal).

RATING LEVEL DEFINITIONS

E – For use in pleasure craft with planing hulls, as well as for patrol, pilot and harbor master boats.

C – For use in yachts with displacement hulls, as well as ferries with trims less than one hour; fish boats with higher speed journeys.

first time vessel entered water.

D – For use in patrol, customs, police, and some fire boats.

type used for some coast, non-coastal, and higher speed journey out and back (e.g., some lobster, crayfish, and tuna), and short trip coastal freighters.