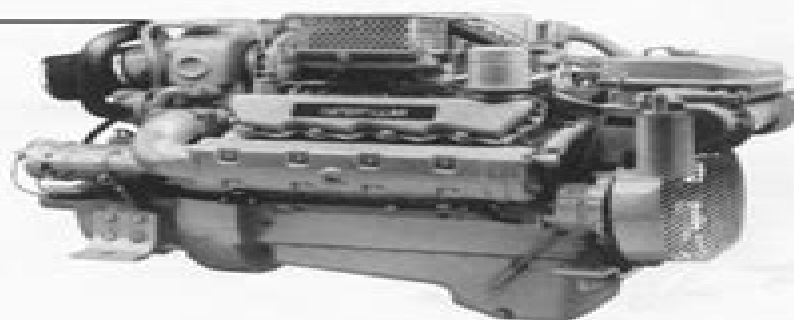


MARINE PROPULSION, HIGH PERFORMANCE SPECIFICATIONS

V8, 4-Stroke-Cycle Diesel			
Bore — mm (in)	114.3	(4.5)	
Stroke — mm (in)	127.0	(5.0)	
Displacement — L (cu in)	10.4	(636)	
Rotation (from flywheel end)		ccw	
Compression Ratio		16.5:1	
435 hp		15.5:1	
Capacity for Liquids — L (U.S. gal)			
Cooling System (engine only)	56.8	(15.0)	
Lube Oil System (refill) T, TA	15.0	(4.0)	
NA	12.0	(3.2)	
Oil Change Interval		200 hrs	
Engine Weight, Net Dry (approx.) — kg (lb)			
Naturally Aspirated (NA)	789	(1740)	
Turbocharged (T)	816	(1800)	
Turbocharged-Aftercooled (TA) 375 hp	853	(1880)	
Turbocharged-Aftercooled (TA) 435 hp	943	(2080)	



435 hp Shown with Accessory Equipment

PERFORMANCE DATA*

Naturally Aspirated

Rating Level	E	D
Rated rpm	2800	2800
Engine Power** @ rpm	157 kW (210 hp) 213 mhp	157 kW (210 hp) 213 mhp

rpm	2800	2400	1800	2800	2400	1800
kW	157	99	42	157	99	42
g/kW-hr	241	226	246	241	226	246
L/hr	45.0	26.5	12.2	45.0	26.5	12.2

bhp	210	132	56	210	132	56
lb/hp-hr	.386	.370	.403	.386	.370	.403
gal/hr	11.9	7.0	3.2	11.9	7.0	3.2

Turbocharged

Rating Level	E	D
Rated rpm	2800	2800
Engine Power** @ rpm	239 kW (320 hp) 325 mhp	224 kW (300 hp) 304 mhp

rpm	2800	2400	2000	2800	2400	2000
kW	239	150	87	224	141	82
g/kW-hr	238	226	217	237	227	215
L/hr	67.9	40.3	22.5	63.2	38.2	20.9

bhp	320	201	117	300	189	109
lb/hp-hr	.390	.369	.356	.388	.373	.352
gal/hr	17.9	10.6	5.9	16.7	10.1	5.5

RATING LEVEL DEFINITIONS (Continuous Power)

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.

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M Planty



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