



KTA19

Marine Propulsion and Auxiliary Engines for Commercial and Recreational Applications

General Specifications

Configuration	In-line, 5-cylinder, 4-stroke diesel
Aspiration	Turbocharged / Aftercooled
Displacement	19 L (1,120 in ³)
Bore & Stroke	159 X 159 mm (6.25 X 6.25 in)
Rotation	Counterclockwise facing flywheel
Fuel System	Pressure Time (PT)

Product Dimensions and Weight

Overall Length	mm (in)	1877	(74)
Length of Block	mm (in)	1200	(47)
Overall Width	mm (in)	1009	(40)
Overall Height	mm (in)	1905	(75)
Weight	kg (lb)	3073	(6770)

Dimensions and weight may vary based on selected engine configuration.



Power Ratings

Engine Model	Output Power			Engine Speed RPM	Rating Definition	Fuel Consumption		IMO	Emissions		
	KW	MHP	BHP			Rated Speed L/hr (gal/hr)	150° L/hr (gal/hr)		EPA	EU	CO2
Variable Speed											
KTA19-M2	379	521	608	1500	Continuous	80.2 (20.9)	66.4 (17.5)	1	—	—	—
KTA19-M3	385	527	608	1500	Continuous	80.3 (20.9)	71.7 (18.7)	1	—	—	—
KTA19-M5	437	608	608	1500	Continuous	111.1 (29.4)	79.0 (20.7)	1	—	—	—
KTA19-M6	447	608	608	1500	Continuous	116.9 (30.8)	82.6 (21.6)	2	—	—	—
KTA19-M8	477	659	640	1500	Heavy Duty	119.6 (31.2)	84.1 (22.0)	1	—	—	—
KTA19-M4	627	710	705	2100	Heavy Duty	138.5 (36.0)	91.7 (24.0)	1	—	—	—
Fixed Speed											
KDA19-DA4	330	456	450	1500 (50 Hz)	Prime	82.3 (21.8)	44.0 (11.6)	—	—	—	—
KDA19-DA6	385	487	480	1500 (50 Hz)	Prime	81.3 (21.4)	47.1 (12.3)	2	—	—	—
KDA19-DA8	392	532	525	1800 (60 Hz)	Prime	86.4 (22.8)	53.6 (14.2)	—	—	—	—
KDA19-DA9	400	546	540	1500 (50 Hz)	Prime	80.5 (20.9)	49.5 (13.1)	1	—	—	—
KDA19-DA10	470	658	650	1500 (50 Hz)	Prime	103.6 (27.1)	52.6 (13.9)	2	—	—	—
KDA19-DA11	525	728	670	1800 (60 Hz)	Prime	106.4 (28.1)	58.9 (15.5)	2	—	—	—
KDA19-DA12	647	898	890	1800 (60 Hz)	Prime	127.6 (33.4)	64.2 (17.0)	—	—	—	—
KDA19-DA14	482	659	620	1800 (60 Hz)	Prime	110.0 (29.2)	68.3 (18.1)	1	—	—	—
KDA19-DA17	485	659	650	1800 (60 Hz)	Prime	120.6 (31.8)	64.7 (17.1)	2	—	—	—
KDA19-DA18	587	800	800	1800 (60 Hz)	Prime	122.3 (32.3)	62.5 (16.5)	—	—	—	—

1. Average fuel consumption based on ISO 150 (150°) 15 Hz (15 Standard Test Cycle (variable speed and load) and ISO 150 (150°) 50 Standard Test Cycle (fixed speed and load).

Manual Engine Cummins Kta19

Katrin Zwirglmaier



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