



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-M2	437	608	695	1500	Continuous	111.1 (29.4)	79.0 (20.7)	1	—	—	—
KTA19-M3	447	608	695	1500	Continuous	110.9 (29.3)	82.6 (21.5)	2	—	—	—
KTA19-M2	477	659	746	1500	Heavy Duty	119.6 (31.2)	84.1 (22.0)	1	—	—	—
KTA19-M3	507	710	796	1500	Heavy Duty	128.5 (33.8)	87.7 (22.8)	1	—	—	—
Fixed Speed											
KDA19-DA4	330	456	450	1500 (50 Hz)	Prime	82.3 (21.8)	44.0 (11.5)	—	—	—	—
KDA19-DA4	330	457	450	1500 (50 Hz)	Prime	81.3 (21.4)	47.1 (12.3)	2	—	—	—
KDA19-DA4	362	502	525	1800 (60 Hz)	Prime	86.4 (22.8)	53.6 (14.2)	—	—	—	—
KDA19-DA4	400	548	540	1500 (50 Hz)	Prime	80.3 (20.9)	49.5 (13.1)	1	—	—	—
KDA19-DA4	470	658	650	1500 (50 Hz)	Prime	100.6 (27.1)	52.6 (13.8)	2	—	—	—
KDA19-DA4	520	709	690	1800 (60 Hz)	Prime	108.4 (28.7)	58.9 (15.5)	2	—	—	—
KTA19-DA4	447	608	600	1500 (50 Hz)	Prime	107.6 (28.4)	64.2 (16.8)	—	—	—	—
KTA19-DA4	480	659	650	1800 (60 Hz)	Prime	110.0 (29.2)	68.3 (18.0)	1	—	—	—
KDA19-DA4	480	659	650	1500 (50 Hz)	Prime	120.6 (31.8)	64.7 (17.1)	2	—	—	—
KTA19-DA4	587	800	800	1800 (60 Hz)	Prime	122.3 (32.3)	62.5 (16.5)	—	—	—	—

1. Average fuel consumption based on 150° (30 ft) Standard Test Cycle (variable speed engine) and 150° (30 ft) Standard Test Cycle (fixed speed engine).

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PT Brinkman

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the PT Brinkman text.

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