

MARINE MOTOR

# DURABILITY AND POWER IN ONE



[wat.com.tr](http://wat.com.tr)

Our marine motors are especially designed for on-deck and below deck applications on ships.

Special sealing system that ensures IP66 ingress protection and C5-M paint coating enables our motors to cope with the furious waves.



Technical Specification	Aluminium Series	Cast-Iron Series
Power Range	0,75-...-55kW	0,75-...-90kW
Number of Poles	2 pole, 4 pole, 6 pole	2 pole, 4 pole, 6 pole
Frame	80 to 250 <sup>2)</sup>	80 to 225 <sup>3)</sup> [250/280] <sup>2)</sup>
Efficiency Class	IE2/IE3 [Others] <sup>1)</sup>	IE2/IE3 [Others] <sup>1)</sup>
Thermal Protection	PTC [PTO, PT100] <sup>1)</sup>	PTC [PTO, PT100] <sup>1)</sup>
Insulation Class	F [Others] <sup>1)</sup>	F [Others] <sup>1)</sup>
Temperature Rise	B	B
Monitoring	N.A.	Thermal and Vibration Sensor <sup>1)</sup>
Housing Material	Die-cast Aluminium Alloy	Cast-Iron
Feet	Changeable [Alu.]	Integrated
Terminal Box	Rotatable [Alu.]	Rotatable [Cast-Iron]
Shaft Material	1.0511 [Stainless Steel] <sup>1)</sup>	1.0511 [Stainless Steel] <sup>1)</sup>
Bearing	Ball Bearing	Ball Bearing [Roller Bearing 132 to 280] <sup>1)</sup>
Lubrication	Greased for life ZZ [160 to 250 Regreasable] <sup>1)</sup>	Greased for life ZZ [132 to 280 Regreasable] <sup>1)</sup>
Bearing Insulation	According to Cert. Society	According to Cert. Society
Bearing Seals	Radial seal [Others] <sup>1)</sup>	Radial seal [Others] <sup>1)</sup>
Cooling Method	IC 411 [Others] <sup>1)</sup>	IC 411 [Others] <sup>1)</sup>
Mounting Type	IM1/2/3 [Others] <sup>1)</sup>	IM1/2/3 [Others] <sup>1)</sup>
Enclosure Protection	IP 55 [56/66] <sup>1)</sup>	IP 55 [56/66] <sup>1)</sup>
Mechanical Protection	IK 08	IK 08
Corrosion Protection	C2 [C3/C5-M] <sup>1)</sup>	C2 [C3/C5-M] <sup>1)</sup>
Identification Plate	Aluminium [Stainless Steel] <sup>1)</sup>	Aluminium [Stainless Steel] <sup>1)</sup>
Drain holes	Standard	Standard
Fan/Fan Cover	Plastic/Steel	Plastic/Steel
Other Options	Tropical Protection, Heating Strip, Canopy, Special Balancing/Vibration Class,	Color.
Certification Societies	Bureau Veritas [Others available on 2019]	Bureau Veritas [Others available on 2019]

1) Upon Request

2) Certification Pending

3) Available from Q3-2019

Specifications are subject to change without notice. It is the responsibility of the product user to determine the suitability of this product for a specific application. All trade marks are the property of their respective owners.

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