



## METRIC STAINLESS STEEL MOTOR RANGE IDEAL FOR HIGH-PRESSURE HOSE DOWNS AND CORROSIVE ENVIRONMENTS

A comprehensive range of AC 3-phase IEC metric stainless motors is now available from Marlin Stainless, a division of AEG Electric Motors Ltd. This all metric dimensioned range gives the user/OEM complete inter-changeability with his existing motor population and/or machine footprint permitting simple upgrades to a fully stainless design. The metric design is uniquely available from AEG in the UK after proven trials in North America and Australia where hygiene regulations are moving up the agenda.



Manufactured to withstand high-pressure wash-downs (IP66), even when employing chemical cleaning agents, these motors from Marlin are ideal for the Food, Beverage, Pharmaceutical and Process Industries. The corrosion resistance and hygienic characteristics of these 304 stainless steel motors – no paint to chip or flake - are enhanced by the motors' smooth exteriors, having no cooling fins or nameplates (data is etched into motor body) to harbour germs and dirt. Complementing these hygienic design features are NTN Blue seal bearings, double lip seals and GAMMA seals fitted on the shaft to guard against any risk of ingress to the motor.

For internal protection against moisture, and provide compatibility with inverter control, the motor stator windings are double vacuum and pressure impregnated and phases are insulated.

To overcome the inherent condensation problem associated with electric motors exposed to internal and external temperature differences, the Marlin motors have four quadrant drain ports in

each end shield that will accept 'T' drain plugs on removal of grub screws. This ensures that there will always be a drain plug at the lowest point of the motor.

They are offered in power ratings from 0.18 to 7.5 kW in metric frame sizes up to 132 as TEFC machines. Smaller units (up to 0.75 kW) are also available from 63 frame size as TENV machines.

The motors are fully interchangeable with standard IEC motors. All models can be supplied with various stock flange and shaft modification options, plus all mounting arrangements.

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