

ZPM3.0 60kW Electric Machine



Zytek Performance Machine (ZPM) – 3.0 is a successor model of ZPM-2 but engineered to deliver maximum performance at minimum cost, offering a cost effective hybrid solution for the HEV/EV market. Race proven technology and design are carried over from a championship-winning system and advanced winding methodology and an IPM rotor topology deliver exceptional power density and efficiency.

Running with a ZPH series' inverter ZPI-2.1 to deliver optimum control for ZPM-3.0 MGU, this will deliver maximize system performance and overall efficiency.

SPECIFICATION

Type:	3-phase Permanent Magnet Machine
Dimensions:	560 x 303 x 245 mm
Dimensions:	170 mm \varnothing x 163 mm
Mass:	9.2 kg
Peak Power:	60kW
Peak Torque:	50Nm
Continuous Power:	40kW
Operating voltage:	200-400V
Maximum Operational Speed:	16,500 rpm
Rotor Inertia:	0.00325 kg m ²
Cooling:	Water/Glycol
Maximum Coolant Inlet Temperature:	50 °C
Coolant Flow Rate:	8.0 L/Min

APPLICABLE SERIES

All hybrid race series

INSTALLATION DRAWINGS

Please see next page

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INSTALLATION DRAWINGS

