

# MPP2708

## PMAC Traction Motor

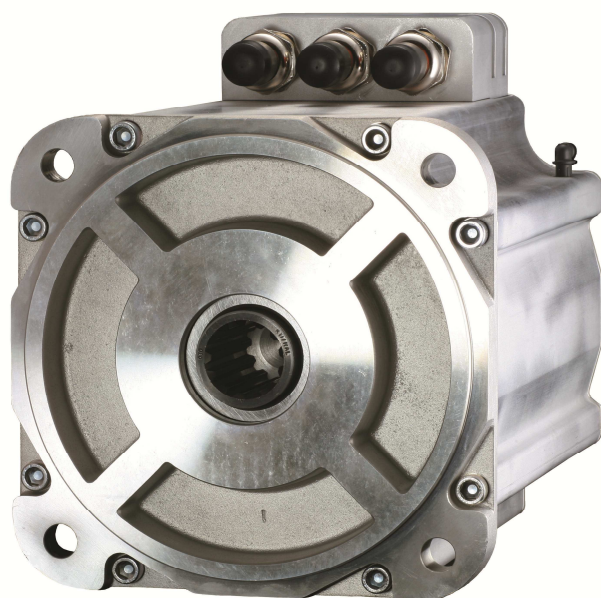


## Description

The MPP2708 PMAC Traction motor is a high performance and high torque electric machine.

Speed and torque points can be optimized for your voltage requirements.

Parker's unique dual cooling configuration features patent-pending internal cooling technology that increases power significantly.



## Contact Information

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<http://hev.parker.com>



## Product Features

- Patent-pending internal cooling
  - Increases cont. power by 70% over external only
- Male or female spline shaft
- 55,000 hours of life
- 95% efficiency
- Highest continuous power density available
- Windings optimized for any voltage up to 750VDC

**ENGINEERING YOUR SUCCESS.**

# Specifications

## Performance Ratings

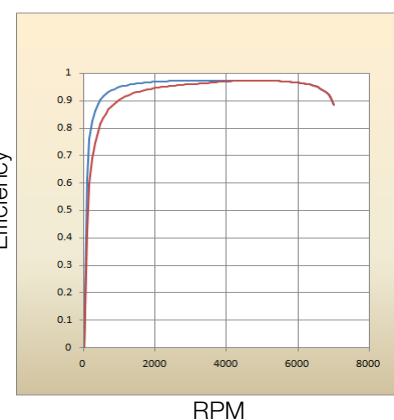
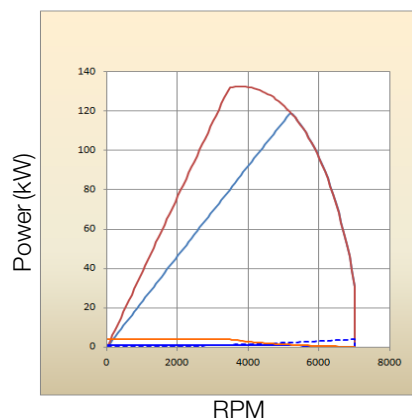
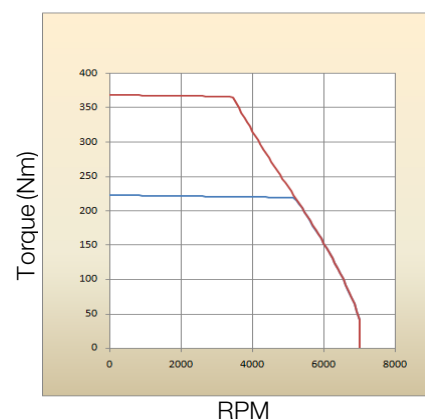
Description	Units	MPP2708
Stall Torque Continuous	Nm	223
Max Speed	rpm	7000
Peak Torque	Nm	369
Peak Output Power	kW	133
Rated Speed	rpm	5154
Rated Shaft Output Power	kW	119
Max DC bus Voltage	VDCmax	750
Ambient Temp at Rating	°C	50
Max Winding Temp	°C	155
Motor Weight	kg	94

## Dimensions

	Units	MPP2708
Cross Section	mm	270
Stator Length	mm	400
Shaft Diameter	mm	48

## Cooling

	Units	50/50 Water Glycol	Oil
Cooling Type	-	Dual Cooling	Dual Cooling
Flow Rate	l/min	8l/min	8l/min
Pressure Drop	kPa	6.9 kPa	69kPa
Inlet Temp	C	50-70	<70



Performance using Parker Frame 3 Traction Inverter @ 650VDC with cooling at 50C. 350VDC and other voltages available. Specifications may vary.

## How to order?

Contact Parker to order the MPP2708 traction motor. Our engineering team can send you detailed performance specifications and data tailored to your speed-torque requirements prior to order placement

## Typical Applications

- Light to Medium Duty Traction Motor
- Output Generator for Range Extenders
- Medium Duty Electro-hydraulic Actuation



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