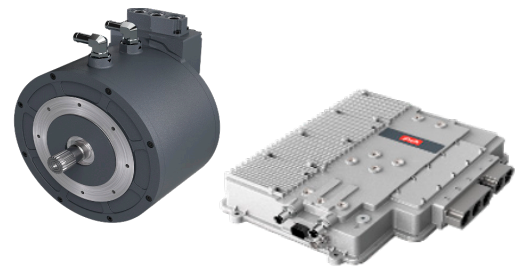


EM- Family

EM-PMI318B Family



Application Covered and Expected Performance Output:



Medium duty truck and bus applications

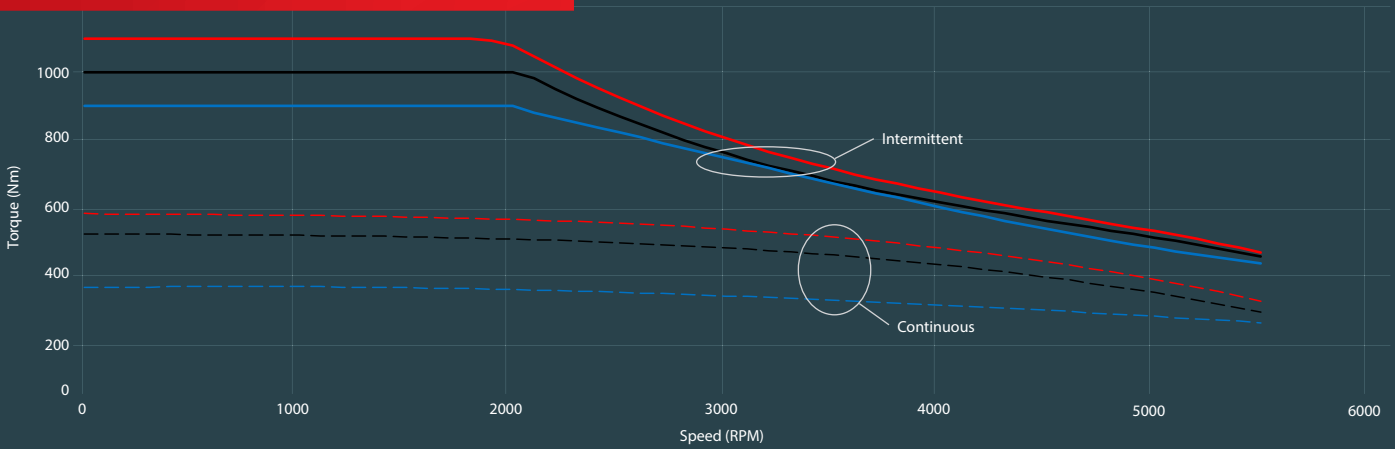
- Variants available to support wide range of application needs
- 95% highest system efficiency with EC-C1200F/G inverter
- Industry leading power and torque density with water/glycol cooling
- Available now

System Performance Summary:

Motor Family	EM-PMI318B Family		
Inverter	EC-C1200F (3 phase)		
Motor Model/ Variant	T580E	T520E	T360
Max Power (kW)	250	250	250
Continous Power (kW)	250	180	150
Nominal Speed (RPM)	*	*	*
Max Operating speed (RPM)	5500	5500	5500
Continous Torque (Nm)	580	520	360
Max Torque (Nm)	1100	1000	900
Peak efficiency	96 %	95 %	95 %
Voltage range required (VDC)	450-750		
System Weight (kg)	105	100	100
Motor (kg)	86	81	81
Inverter (kg)	19		

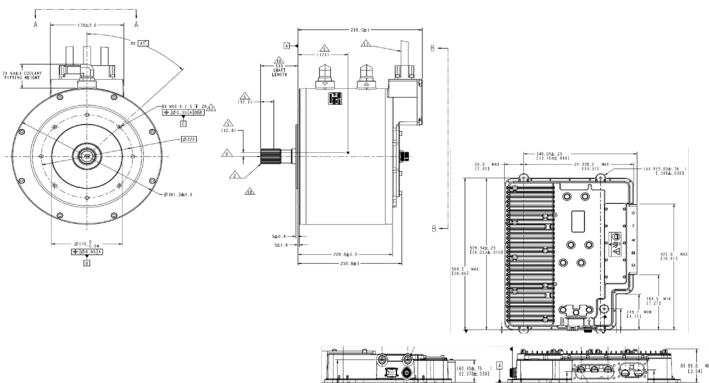
Performance Curve(s): EM-PMI318B Motor Torque

EM-PMI318B-T580E EM-PMI318B-T520E EM-PMI318B-T360



System Dimensions:

Motor/Inverter Dimensions



Standards and Features:

- Reduced footprint and increased power density
- High continuous power and torque capability
- Designed for high durability and functional safety
- High efficiency (95% DC input to shaft power out)
- Coolant temperature rated up to 60°C

Production Readiness: Available now

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