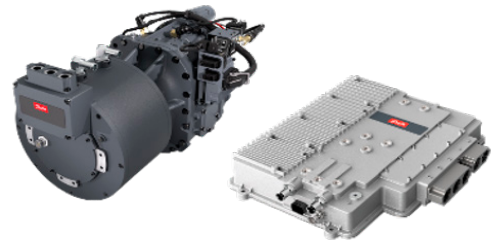


EM- Family ED-DT318B



Application Covered and Expected Performance Output:



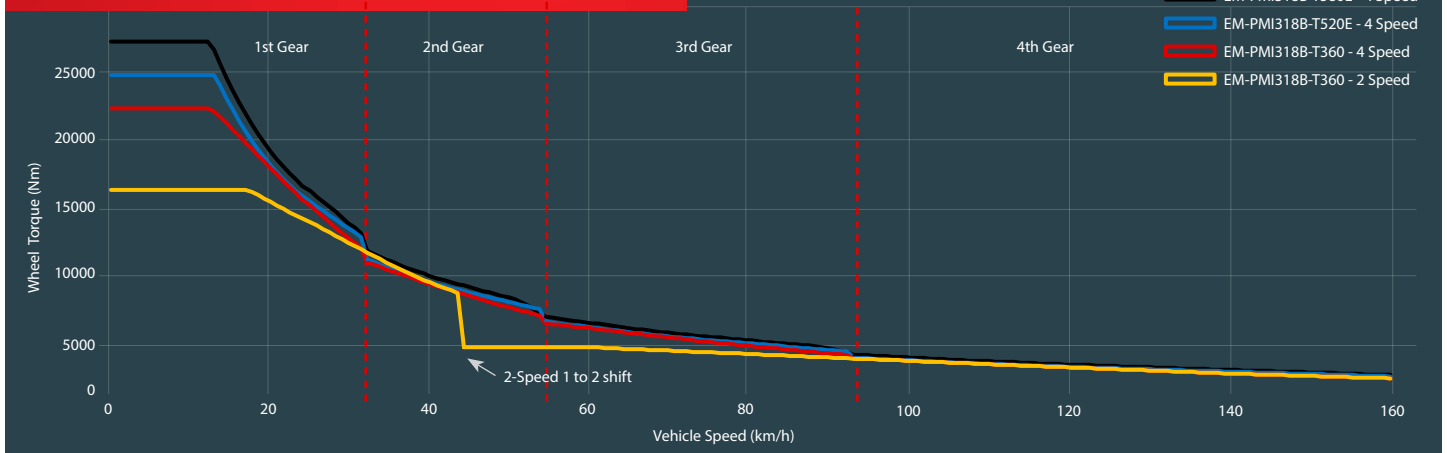
Medium duty truck and bus applications

- PMI318b paired with multi-speed transmission support range of applications
- Drivetrain allows for higher torque density & increased efficiency over drive cycle

System Performance Summary:

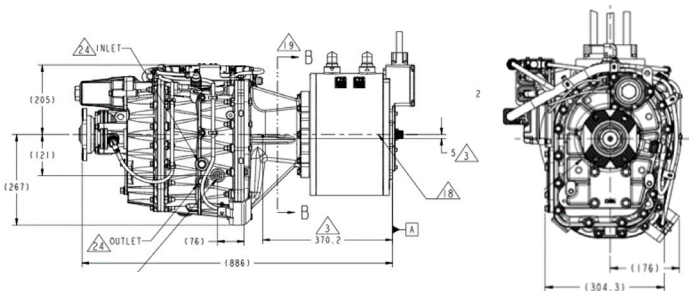
Motor Family	ED-DT318B (2-speed)	
Inverter	EC-C1200F (3 phase)	
Motor Model/ Variant	PT3050	PT2370
Max Power (kW)	250	220
Continuous Power (kW)	180	135
Nominal Speed (RPM)	*	*
Max Operating speed (RPM)	4800	4800
Continuous Torque (Nm)	1760	1490
Max Torque (Nm)	3050	2370
Peak efficiency	94 %	
Voltage range required (VDC)	450-750	250-440
System Weight (kg)	215	
Motor (kg)	196	
Inverter (kg)	19	

Performance Curve(s): EM-PMI318B Family w/Transmission



System Dimensions:

Motor/Gearbox Dimensions



Standards and Features:

- Gearbox allows for increased torque density
- Drivetrain efficiency up to 94% (DC input to torque/ power output)
- Coolant temperature rated up to 60°C

Production Readiness: Available now

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