



GE INDUSTRIAL MOTORS
a WOLONG company

Quantum[®]LMV

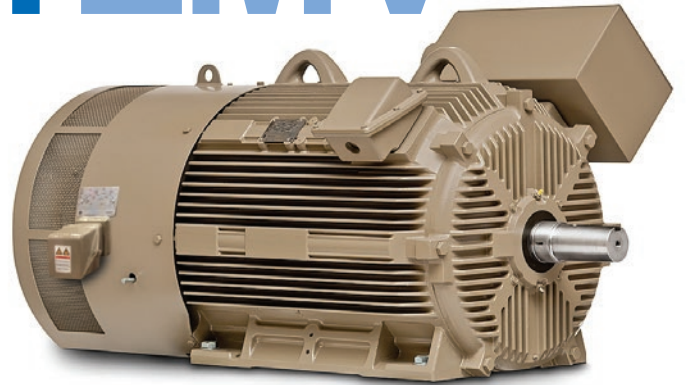
LV/MV Induction Motor

NEMA 500 Frame up to 800 HP

IEC 315 Frame up to 600 kW

230/460V, 460V, 575V

2-12 Pole



All induction motors are not built the same.



Purchasing dependable electric motors is an investment in the reliability of your operation. And system reliability means serious savings to your bottom line.

We've engineered motors to address all of the top factors that can shorten motor life:

Bearings

Heat
Stress, Fatigue
Vibration
Misalignment
Contamination
Lubrication
Electrical discharge

Windings

Heat
Inverters
Voltage problems
Load
Contamination

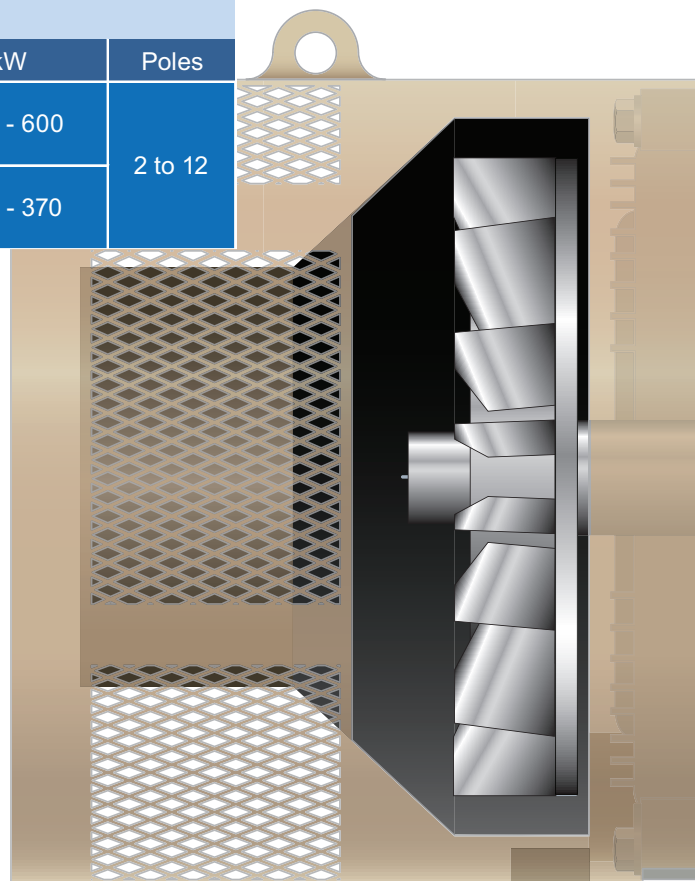
NEMA					
	Frame Size	60 Hz*	50 Hz*	Hp	Poles
Severe Duty	509 - 5013	460V - 6900V	380V - 6600V	200 - 800	2 to 12
IEEE-841					
API-547		2300V - 6600V	3300V - 6600V	250 - 500	
API-541					

IEC					
	Frame Size	60 Hz*	50 Hz*	kW	Poles
Severe Duty	315	460V - 6900V	380V - 6600V	150 - 600	2 to 12
IEEE-841					
API-547		2300V - 6600V	3300V - 6600V	180 - 370	
API-541					

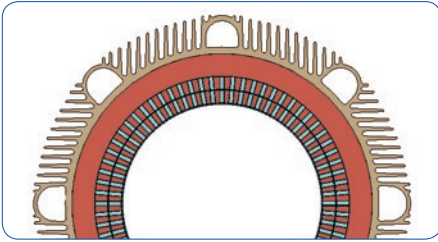
* Listed voltages are standard. Other voltages are available.
For your application requirements, contact your GEIM sales representative.

Quantum LMV motors comply with the following standards and certifications:

NEMA
IEC
IEEE 841
CSA
API 547 and 541
Division 2
Zone 2 AEx nA

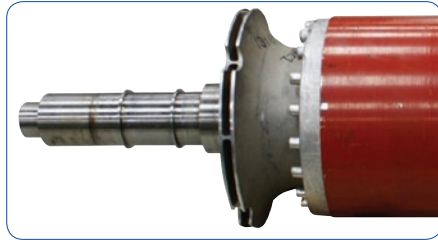


What makes the Quantum better?



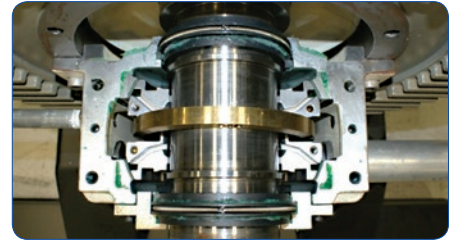
Unique Design

An internal frame air circuit with patented frame D-Ducts and trapezoidal rotor vents dramatically increases airflow for a cooler operating motor. This gives more flexibility in choosing frame sizes.



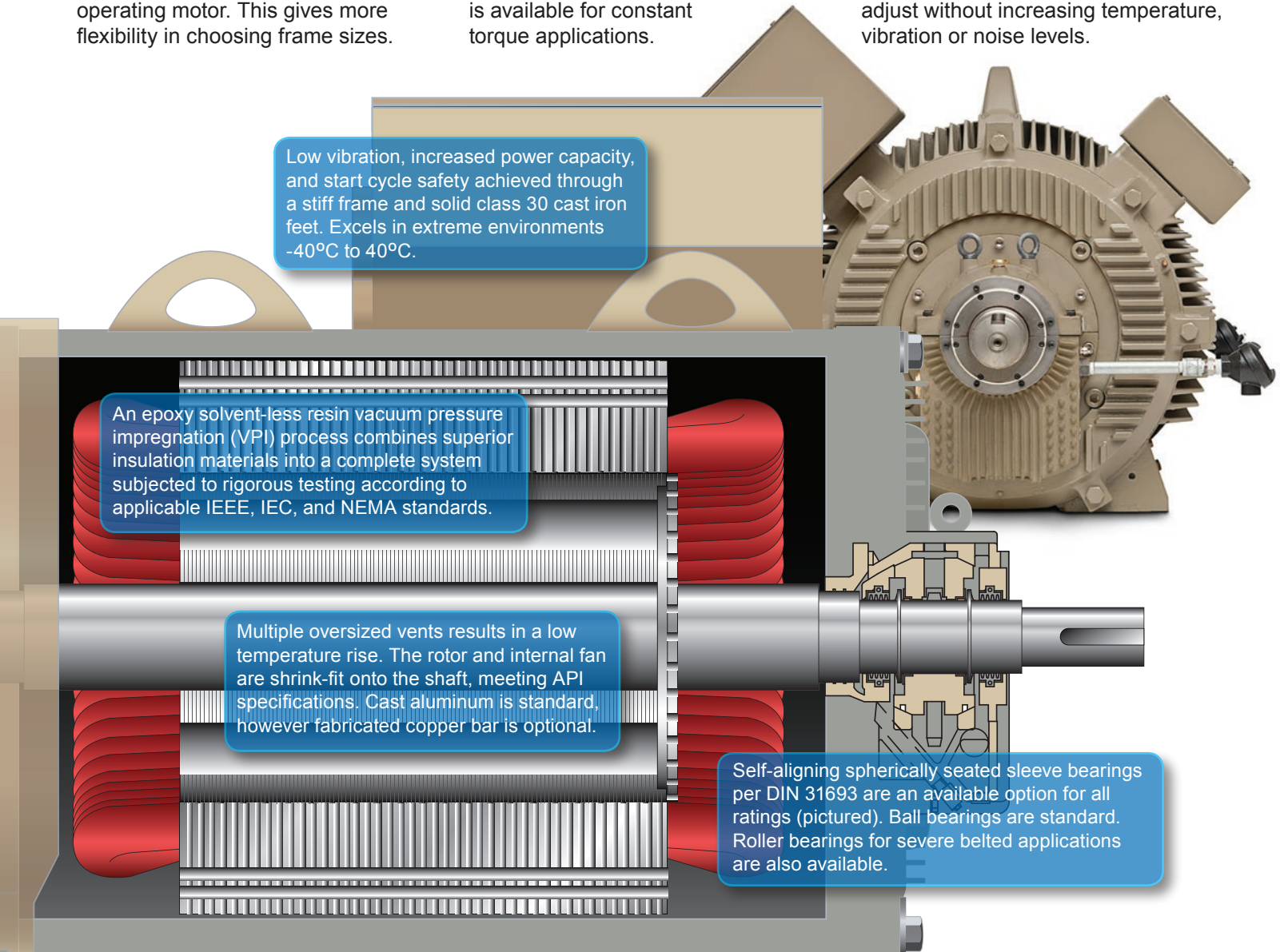
Inverter Duty Reliability

Optional Insulated bearings and drive end shaft grounding ring are optional. This minimizes the impact of harmful shaft voltages. A separate blower is available for constant torque applications.



Superior Bearings

Available self-aligning spherically seated sleeve bearings allow the motor to adapt to the best position for the load. The shaft is allowed to adjust without increasing temperature, vibration or noise levels.



A wide range of standard motors.

These pre-engineered NEMA ratings offer reduced cycle times and stock level pricing to save you time and cost.

Quantum™ LMV Severe Duty 460, 575V

HP	1200 RPM	1800 RPM	3600 RPM
300			
350			
400			
450			
500			
600			
700			

Quantum™ LMV with IEEE 841 Features 460, 575V

HP	1200 RPM	1800 RPM	3600 RPM
300			
350			
400			
450			
500			

Frames

509L/LL/LS
5011L/LL/LS
5013S/ST

Quantum™ LMV Severe Duty 2300/4000V

HP	1200 RPM	1800 RPM	3600 RPM
200			
250			
300			
350			
400			
450			
500			
600			
700			
800			

Quantum™ LMV with IEEE 841 Features 2300/4000V

HP	1200 RPM	1800 RPM	3600 RPM
200			
250			
300			
350			
400			
450			
500			



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GEA30822-EN (11/2017)