

INTRODUCTION TO **HYOSUNG** **ELECTRIC MOTORS**

Global Top Energy, Machinery & Plant Solution Provider



All Hyosung motors are designed and built to comply with major international standards: IEC, NEMA and EN to name a few. For compliance with other standards or technical specifications, please contact us directly.



Quality Management

Hyosung controls design, manufacturing and test functions under one roof in Changwon Plant, South Korea, which has been fully accredited by DNV of the Netherlands for ISO 9001, ISO 14001 and OHSAS 18001.

Quality in Manufacturing

- Fully automated MV/HV winding taping process and winding spreading process for seamless insulation and sturdy structure
- Hyosung's own VPI system to ensure lasting insulation qualities
- Rigorous tests carried out in in-house testing facility with capacity to test up to 25MW, 13.8kV



Hyosung explosion-proof motors are designed so that potential dangers of explosions can be minimized while ensuring maximum safety for the environment. Motors can be designed in accordance with various types of protection and standards.

Certificates_ IECEx, ATEX, UL, CSA, GOST and KGS

	Ex d/de	Ex nA
Low Voltage Motors	<ul style="list-style-type: none"> • Frame Size: 80M ~ 315SM • Voltage: Max. 690V • Frequency: 50/60Hz • Degree of Protection: IP55, 56 • Temperature Class: -T5 • Gas Group: IIB/IIC 	<ul style="list-style-type: none"> • Frame Size: 80M ~ 315L • Voltage: Max. 690V • Frequency: 50/60Hz • Degree of Protection: IP55 • Temperature Class: -T3
	Ex d/de	Ex nA
Medium & High Voltage Motors	<ul style="list-style-type: none"> • Frame Size: 315 ~ 630 • Voltage: Max. 13,800V • Frequency: 50/60Hz • Degree of Protection: IP55 • Temperature Class: -T4 • Gas Group: IIB 	<ul style="list-style-type: none"> • Frame Size: 315 ~ 710 • Voltage: Max. 13,800V • Frequency: 50/60Hz • Degree of Protection: IP55 • Temperature Class: -T4

* For different types of explosion proof motors, please contact us directly.

