

Standards and Regulations

ABM electric motors conform to all relevant standards and regulations:

Title	DIN	VDE	IEC
Cylindrical Shaft Ends; Dimensions, Nominal Transmissible Torques	DIN 748-1		-
Surface cooled squirrel cage three phase induction motors, type of construction IM B3, with roller bearings, mounting dimensions and output classification	DIN 42673-3	-	-
Surface cooled squirrel cage three phase induction motors, type of construction B3, with roller bearings, size of envelope	DIN 42673-4	-	-
Totally enclosed fan-cooled alternating-current poly-phase motors with squirrel-cage, design B5, B10, B14, with ball bearings; maximum envelope dimensions for design B5, B14	DIN 42677-4	-	-
Tolerances of shaft extension run-out and of mounting flanges for rotating electrical machinery, test	DIN 42955	-	-
General purpose three-phase induction motors having standard dimensions and outputs - Frame numbers 56 to 315 and flange numbers 65 to 740	DIN EN 50347	-	-
Rotating electrical machines - Part 1: Rating and performance	DIN EN 60034-1	VDE 0530 Part 1	IEC 60034-1
Rotating electrical machines - Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code)	DIN EN 60034-5	VDE 0530 Part 5	IEC 60034-5
Rotating electrical machinery - part 6: Classification of cooling method (IC-code)	DIN EN 60034-6	VDE 0530 Part 6	IEC 60034-6
Rotating electrical machines - Classification of types of constructions and mounting arrangements (IM Code)	DIN EN 60034-7	VDE 0530 Part 7	IEC 60034-7
Rotating electrical machines - Part 8: Terminal markings and direction of rotation	DIN EN 60034-8	VDE 0530 Part 8	IEC 60034-8
Rotating electrical machines - Part 9: Noise limits	DIN EN 60034-9	VDE 0530 Part 9	IEC 60034-9
Rotating electrical machines - Thermal protection	DIN EN 60034-11	VDE 0530 Part 11	IEC 60034-11
Rotating electrical machines - Part 12: Starting performance of single-speed three-phase cage induction motors	DIN EN 60034-12	VDE 0530 Part 12	IEC 60034-12
Rotating electrical machines - Part 14: Mechanical vibration of certain machines with shaft heights 56 mm and higher - Measurement, evaluation and limits of vibration severity	DIN EN 60034-14	VDE 0530 Part 14	IEC 60034-14
Degrees of protection provided by enclosures (IP code)	DIN EN 60529	VDE 0470 Part 1	IEC 60529
Mechanical vibration; balancing; shaft and fitment key convention	DIN ISO 8821	-	-