



Technical Data

Frame sizes	56 to 450
Output range	0.06 to 1000kW
Pole No.	2-, 4-, 6-, 8-pole
Degree of protection	Standard: IP55, Optional: IP56, IP65
Frequency	50Hz standard, optional 60Hz
Voltages	230V, 400V, 415V, 500V, 690V
Type of construction	Foot or flange-mounted IM B3, IM B5, IM B14, IM B35, IMV1, and others
Enclosure	Frame sizes 56...160, aluminium housing Frame sizes 180...450, cast-iron housing
Cooling type	TEFC (Totally Enclosed Fan-Cooled)
Temperature rise	F utilized to B
Insulation system	Future-oriented DURIGNIT® IR 2000 insulation system, ensures maximum reliability and longer motor lifetime
Drive-inverter compatible	Voltage front times $t_s > 0,1 \mu s$ at $U < 500V$
Accessories	Pulse encoders, brakes, separately driven fans