

Data sheet for three-phase Squirrel-Cage-Motors



MLFB-Ordering data: 1PC1361-2AC69-0AA4
M4B

Motor type: 1CN2206C

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	Δ / Y	f [Hz]	P [kW]	I [A]	n [1/min]	M [Nm]	M _{Brake} [Nm]	M _{max} [Nm]	Nom. Eff. [%] 4/4 load	Power factor 4/4 load	Operating mode	IE-CL
400	Δ	50	11.20	31.50	992	108	794.0	610.8	88.7	0.54	S1	IE2
400	Δ	50	18.00	40.50	985	175				0.68	S3 – 60%	IE2
400	Δ	50	24.00	50.00	980	234				0.74	S3 – 40%	IE2
400	Δ	50	30.00	61.00	975	294				0.77	S3 – 25%	IE2
IM B3 / IM 1001		FS 200 L		243 kg		IP55		IEC/EN 60034				
Environmental conditions : -20 °C - +40 °C / 1,000 m												

Mechanical data

Moment of inertia	0.38 kg m ²
Bearing DE NDE	6212 Z C3 6212 Z C3
Relubrication interval/quantity (AS BS)	-/-
Lubricants	Unirex N3
Regreasing device	No
Grease nipple	-/-
Type of bearing	Locating bearing NDE
Condensate drainage holes	(Standard) Yes
External earthing terminal	(Standard) Yes
Vibration severity grade	A
Insulation	155(F) to 130(B)
Direction of rotation	bidirectional
Frame material	cast iron
Data of anti condensation heating	-/-
Coating (paint finish)	Special paint finish, resistant to salt-laden air C4
Color, paint shade	RAL7030
Motor protection	without (Standard)
Method of cooling	IC 410 - unventilated

Terminal box

Terminal box position	top
Material of terminal box	cast iron
Type of terminal box	TB1 L01
Contact screw thread	6xM8
Max. cross-sectional area	35.0 mm ²
Cable diameter from ... to ...	-/-
Cable entry	-/-
Cable gland	-/-

Special design

M4B 400 VD for 50 Hz