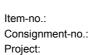
SIEMENS

Datasheet for three-phase Squirrel-Cage-Motors

Order Number: 1LE0101-1CA03-4AB4

Client-order-no.:
Order-no.:

Offer-no.: Remarks:



Type of construction: Weight in kg (net):

Frame material

Fan cover material:

Type of protection:

Frame size:



132S

IMB3

56 kg

metal

Cast iron

Electrical data		
Rated motor voltage:	400VD / 690VY	
Frequency:	50 Hz	
Rated motor power:	5.5 kW	
Rated motor speed:	2930 1/min	
Maximum Speed:	4500 1/min	
Number of poles:	2	
No load current:	4.30 A	
Rated current:	10.5 A	
Starting current:	7.5	
Rated motor torque:	17.93 Nm	
Torque class:	K	
Starting torque:	2.2	
Breakdown torque:	2.9	
Efficiency class:	IE 2	
Efficiency 100% Load:	87.0%	
Efficiency 75% Load:	87.6%	
Efficiency 50% Load:	86.9%	
Power factor 100% Load:	0.87	
Motor protection:	3 PTC thermistors for tripping	
Terminal box position:	terminal box on top	

Degree of protection:	IP 55	
Method of cooling:	Self-ventilated (IC 411)	
Vibration class:	A (standard)	
Insulation:	155(F) / 130(B)	
Duty type:	S1 = cont. operation	
Direction of rotation:	bidirectional	
Terminal box		
	30%	
Material of terminal box:	Cast iron	
Material of terminal box:	Cast iron	
Material of terminal box: Terminal screw thread:	Cast iron M4	
Material of terminal box: Terminal screw thread: Max. cable cross-sectional area:	Cast iron M4 6 mm²	

General data

Mechanical data		
Noise (Lpfa):	66.00 dB(A)	
Moment of inertia:	0.014 kg m ²	
Cantilever force for x0:	1440 N	
Cantilever force for xmax:	1120 N	
Bearing drive end:	6208 2Z C3	
Bearing non-drive end (hor.mount.):	6208 2Z C3	
Bearing non-drive end (vert.mount.):	6208 2Z C3	
Drain holes:	yes	
Regreasing device:	no	
Relubrication interval at 40°C:		
Coating:	RAL 7030 stone gray	

Special configurations	

without (standard)

Explosion protection

Site conditions

Ambient temperature: -20.0°C to +40°C

Altitude above sea level: 1000m Standards and specifications: IEC

Technical and ordering data are subject to change. There may be discrepancies between calculated and rating plate values. Printed on 2013-02-08