SIEMENS

Datasheet for three-phase Squirrel-Cage-Motors

Electrical data

50 Hz

7.5 kW

2

Κ 2.3

2.9

IE 2

88.1%

88.8%

88.5%

3 PTC thermistors for tripping

terminal box on top

0.89

4.65 A

13.8 A 7.5

24.45 Nm

2930 1/min 4500 1/min

400VD / 690VY

1LE0101-1CA13-4AB4 **Order Number:**

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

Rated motor voltage:

Rated motor power:

Rated motor speed:

Maximum Speed:

Number of poles:

No load current: Rated current:

Starting current: Rated motor torque:

Torque class:

Starting torque: Breakdown torque:

Efficiency class:

Efficiency 100% Load:

Efficiency 75% Load:

Efficiency 50% Load:

Terminal box position:

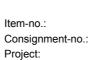
Standards and specifications:

Motor protection:

Power factor 100% Load:

Offer-no.: Remarks:

Frequency:



General data		
Frame size:	132S	
Type of construction:	IMB3	
Weight in kg (net):	62 kg	
Frame material	Cast iron	
Fan cover material:	metal	
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	
Material of terminal box:	Cast iron
Terminal screw thread:	M4
reminal sciew theat.	1014
Max. cable cross-sectional area:	6 mm²
Cable diameter from to:	18 - 25 mm
Cable entry:	M32 x 1 5 + M32 x 1 5
Cable entry.	10132 X 1.3 + 10132 X 1.3
Cable gland:	no

Mechanical data		
Noise (Lpfa):	66.00 dB(A)	
Moment of inertia:	0.017 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	

Coating:	RAL 7030 stone gray	
Site conditions		
Ambient temperature:	-20.0°C to +40°C	
Altitude above sea level:	1000m	

IEC

Explosion protection

Type of protection: without (standard)

Special configurations

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