## **SIEMENS**

## **Datasheet for three-phase Squirrel-Cage-Motors**

Order Number: 1LE0101-1AC43-4AA4

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

Power factor 100% Load:

Terminal box position:

Motor protection:

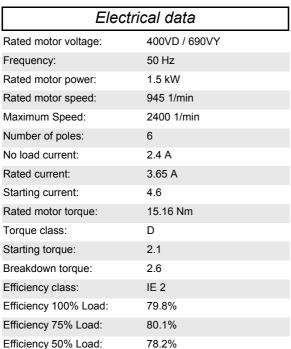
Coating:

Standards and specifications:

Remarks:

Consignment-no.: Project:

Item-no.:



Mechanical	data
Noise (Lpfa):	52.00 dB(A)
Moment of inertia:	0.0086 kg m <sup>2</sup>
Cantilever force for x0:	1420 N
Cantilever force for xmax:	1140 N
Bearing drive end:	6206 2Z C3
Bearing non-drive end (hor.mount.):	6206 2Z C3
Bearing non-drive end (vert.mount.):	6206 2Z C3
Drain holes:	no
Regreasing device:	no
Relubrication interval at 40°C:	

0.74

without

terminal box on top

Site con	ditions
Ambient temperature:	-20.0°C to +40°C
Altitude above sea level:	1000m

IEC

RAL 7030 stone gray

Gene	ral data
Frame size:	100L
Type of construction:	IMB3
Weight in kg (net):	34 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 I	box
Material of terminal box:	Cast iron
Terminal screw thread:	M4
Max. cable cross-sectional area:	4 mm²
Cable diameter from to:	18 - 25 mm
Cable entry:	M32 x 1.5 + M32 x 1.5
Cable gland:	no

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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