## **SIEMENS**

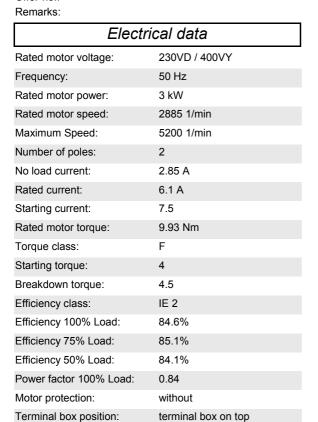
## **Datasheet for three-phase Squirrel-Cage-Motors**

Order Number: 1LE0101-1AA42-2AA4

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







General 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 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			

Mechanical data				
Noise (Lpfa):	62.00 dB(A)			
Moment of inertia:	0.0036 kg m <sup>2</sup>			
Cantilever force for x0:	980 N			
Cantilever force for xmax:	790 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:				
Coating:	RAL 7030 stone gray			

Exp	osion	prot	ection	1

Type of protection: without (standard)

Special configurations

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