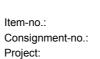
## **SIEMENS**

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

**Order Number:** 1LE0102-0DB32-2AA4

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





Electrical data		
Rated motor voltage:	230VD / 400VY	
Frequency:	50 Hz	
Rated motor power:	0.75 kW	
Rated motor speed:	1405 1/min	
Maximum Speed:	3600 1/min	
Number of poles:	4	
No load current:	0.99 A	
Rated current:	1.87 A	
Starting current:	4.8	
Rated motor torque:	5.1 Nm	
Torque class:	D	
Starting torque:	2	
Breakdown torque:	2.6	
Efficiency class:	IE 1	
Efficiency 100% Load:	72.1%	
Efficiency 75% Load:	73.7%	
Efficiency 50% Load:	71.8%	
Power factor 100% Load:	0.81	
Motor protection:	without	
Terminal box position:	terminal box on top	

General data		
Frame size:	80M	
Type of construction:	IMB3	
Weight in kg (net):	18.5 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		
I GITIIITAL DOX		
Material of terminal box:	Cast iron	

Mechanical data		
Noise (Lpfa):	45.00 dB(A)	
Moment of inertia:	0.0019 kg m²	
Cantilever force for x0:	790 N	
Cantilever force for xmax:	640 N	
Bearing drive end:	6204 2Z C3	
Bearing non-drive end (hor.mount.):	6204 2Z C3	
Bearing non-drive end (vert.mount.):	6204 2Z C3	
Drain holes:	no	
Regreasing device:	no	
Relubrication interval at 40°C:		
Coating:	RAL 7030 stone gray	

Terminal box		
Material of terminal box:	Cast iron	
Terminal screw thread:	M4	
Max. cable cross-sectional area:	1.5 mm²	
Cable diameter from to:	13 - 18 mm	
Cable entry:	M25 x 1.5 + M16 x 1.5	
Cable gland:	no	

Site conditions			
Coating:	RAL 7030 stone gray		
Relubrication interval at 40°C:			
Regreasing device:	no		
Drain holes:	no		
Bearing non-drive end (vert.mount.):	6204 2Z C3		
Bearing non-drive end (hor.mount.):	6204 2Z C3		
Bearing drive end:	6204 2Z C3		
Cantilever force for xmax:	640 N		
Cantilever force for x0:	790 N		

Ambient temperature:

Explosion protection	

Type of protection: without (standard)

Special configurations

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

-20.0°C to +40°C

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