

Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : 1LA9073-4LA12

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Electrical data:

Rated voltage : (1) 230 VD/400 VY, 50 Hz, 460 VY, 60 Hz

Frequency :	50 Hz	60 Hz
Rated power :	0.60 kW	0.69 kW
Rated speed :	1340 1/ min	1640 1/ min
Rated torque :	4.3 Nm	4.0 Nm
Rated current (IE) :	VD 2.85 A VY 1.64 A	VY
Starting / rated current :	3.6	
Breakdown / rated torque :	2.3	
Starting / rated torque :	2.3	
Efficiency %	4/4 70.2% 3/4 70.2% 2/4 66.2%	4/4 3/4 2/4
Power factor :	0.75 0.69 0.56	
Efficiency class :	-/-	

Mechanical data:

Sound pressure level 50Hz/60Hz (load) : 44 dB(A)

Moment of inertia : 0.00095 kg*m²

Bearing DE : 6202 2ZC3

Bearing NDE : 6202 2ZC3

Type of bearing : Floating bearings pre-loaded DE (standard)

Condensate drainage holes : No

Regreasing device : No

Lubricants : Esso Unirex N3

Grease lifetime/Relubrication interval : 40000 h

Quantity of grease for relubrication : null g

External earthing terminal : No

Coating : Special paint finish RAL 7030 stone gray

Environmental conditions:

Ambient temperature : -20 °C - +40 °C

Altitude above sea level : 1000 m

Standards and specifications : IEC, DIN, ISO, VDE, EN

General data:

Frame size 071 M

Design of electrical machine : (2) IM B14 / V18 / V19, standard flange

Weight in kg, without optional accessories : 7.20 kg

Frame material : Aluminum

Degree of protection : IP 55

Method of cooling, TEFC : IC 411

Vibration class : A (Standard)

Insulation : 155(F) to 130(B)

Duty type : S1 - continuous duty

Direction of rotation : Bi-directional

Terminal box:

Material of terminal box :

Type of terminal box : gk 030

Contact screw thread :

Max. cross-sectional area :

Cable diameter from ... to ... :

Cable entry :

Cable gland :

Special design: