

Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : 1LA7073-4AB62

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

Item no. :
Consignment no. :
Project :

Electrical data:

Rated voltage :							(6) 400 VD/690 VY, 50 Hz, 460 VD, 60 Hz								
Frequency :				50 Hz			60 Hz								
Rated power :				0.37 kW			0.43 kW								
Rated speed :				1370 1/ min			1669 1/ min								
Rated torque :				2.6 Nm			2.5 Nm								
Rated current (IE) :				VD		VY		VD							
				1.06 A		0.61 A		1.08 A							
Starting / rated current :				3.3			3.8								
Breakdown / rated torque :				2.1			2.2								
Starting / rated torque :				1.9			2.0								
				4/4		3/4		2/4		4/4		3/4		2/4	
Efficiency %				65.8%		64.8%		60.8%		65.8%		64.8%		60.8%	
Power factor :				0.78		0.72		0.61		0.76		0.70		0.58	
Efficiency class :				-/-			-/-								

Mechanical data:

Sound pressure level 50Hz/60Hz (load) :	44 dB(A)	48 dB(A)
Moment of inertia :	0.00077 kg*m ²	
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 :	6.00 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: