SIEMENS

Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : **1LA7073-4AB11**

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 :	0.37 kW			0.43 kW		
Rated speed :	1370 1/ min			1669 1/ min		
Rated torque :	2.6 Nm			2.5 Nm		
Rated current (IE) :	VD 1.84 A	VY 1.06 A			VY 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*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 :	(1) IM B5 / V1 without canopy
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: