

Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : 1LA7130-4AA60-Z
A11

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 :	5.50 kW			6.30 kW		
Rated speed :	1455 1/ min			1755 1/ min		
Rated torque :	36.1 Nm			34.3 Nm		
Rated current (IE) :	VD	VY		VD		
	11.60 A	6.72 A		11.10 A		
Starting / rated current :	6.3			7.0		
Breakdown / rated torque :	3.1			3.1		
Starting / rated torque :	2.5			2.5		
	4/4	3/4	2/4	4/4	3/4	2/4
Efficiency %	74.7%	84.7%	83.7%	87.0%	87.0%	86.0%
Power factor :	0.81	0.76	0.66	0.82	0.77	0.67
Efficiency class :	IE1			IE1		

Mechanical data:

Sound pressure level 50Hz/60Hz (load) :	62 dB(A)	66 dB(A)
Moment of inertia :	0.018 kg*m²	
Bearing DE :	6208 2ZC3	
Bearing NDE :	6208 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	132 S
Design of electrical machine :	(0) IM B3 / B6 / B7 / B8 / V5 without canopy
Weight in kg, without optional accessories :	41.00 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 230
Contact screw thread :	
Max. cross-sectional area :	
Cable diameter from ... to ... :	
Cable entry :	
Cable gland :	

Special design:

A11	PTC thermistor motor protection using 3 integrated temperature sensors for shutdown
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