

Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : **1LA7060-2AA90-Z**
L1Y+Y58

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

Item no. :
Consignment no. :
Project :

Electrical data:

Rated voltage : Special voltage, non-standard winding

Frequency :	50 Hz		
Rated power :	0.18 kW		
Rated speed :	2820 1/ min		
Rated torque :	0.6 Nm		
Rated current (IE) :	VD	VY	VD VY
	0.51 A	0.30 A	
Starting / rated current :	3.7		
Breakdown / rated torque :	2.2		
Starting / rated torque :	2.0		
	4/4	3/4	2/4
Efficiency %	62.0%	60.5%	56.0%
Power factor :	0.79	0.74	0.67
Efficiency class :	-/-		

Mechanical data:

Sound pressure level 50Hz/60Hz (load) :	49 dB(A)
Moment of inertia :	0.00018 kg*m ²
Bearing DE :	6201 2ZC3
Bearing NDE :	6201 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	063 M
Design of electrical machine :	(0) IM B3 / B6 / B7 / B8 / V5 without canopy
Weight in kg, without optional accessories :	3.50 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:

L1Y Voltage code 9 non-standard winding: L1Y:400VD,690VY,50Hz,0.18kW
Y58