

Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : **1LA7063-4AB91-Z**
D31+D40+L1Y

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 :	1350 1/ min		
Rated torque :	1.3 Nm		
Rated current (IE) :	VD	VY	VD VY
	0.58 A	0.34 A	
Starting / rated current :	3.0		
Breakdown / rated torque :	1.9		
Starting / rated torque :	1.9		
	4/4	3/4	2/4
Efficiency %	58.3%	56.8%	52.3%
Power factor :	0.76	0.70	0.59
Efficiency class :	-/-		

Mechanical data:

Sound pressure level 50Hz/60Hz (load) :	42 dB(A)
Moment of inertia :	0.00037 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, EN, UL, CSA

General data:

Frame size	063 M
Design of electrical machine :	(1) IM B5 / V1 without canopy
Weight in kg, without optional accessories :	4.10 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:

D31	Version according to UL with "Recognition Mark"
D40	Canadian regulations (CSA)
L1Y	Voltage code 9 non-standard winding: L1Y:400VD,690VY,50Hz,0.18kW