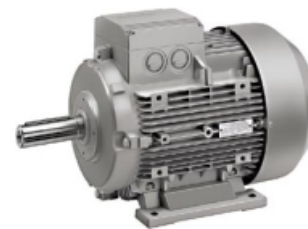


Datasheet for three-phase Squirrel-Cage-Motors



Ordering data : 1LA7063-4AB11

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

Item-no. :
Consignment-no. :
Project :

Electrical data / :

Rated motor voltage	(1) 230 VD/400 VY, 50 Hz, 460 VY, 60 Hz					
Frequency	50 Hz		60 Hz			
Rated motor power	0,18 kW		0,21 kW			
Rated motor speed	1350 1/ min		1650 1/ min			
Rated motor torque	1,3 Nm		1,2 Nm			
Rated motor current (IE) :	VD	VY		VY		
	1,01 A	0,58 A		0,59 A		
Starting- / rated motor current	3,0		3,1			
Breakdown / rated motor	1,9		2,0			
Starting- / rated motor torque	1,9		2,0			
	4/4	3/4	2/4	4/4	3/4	2/4
Efficiency %	58,3%	56,8%	52,3%	58,3%	56,8%	52,3%
Power factor	0,76	0,70	0,59	0,77	0,71	0,59
Efficiency class /	-/-		-/-			

Mechanical data:

Noise 50 Hz/60Hz	42.0(A)	46.0(A)
Moment of inertia	0,00037 kg*m ²	
Bearing DE	6201 2ZC3	
Bearing NDE	6201 2ZC3	
Locating bearing	Floating bearings, pre-loaded DE (standard)	
Drain holes	No	
Regreasing device	No	
Type of lubrication	Esso Unirex N3	
Relubrication interval at 40 °C	40000 h	
Quantity of grease for relubrication at 40 °C	- g	
External earthing	no	
Coating	Special paint finish, RAL7030 gray	

Explosion protection:

Type of protection	Without (standard)
--------------------	--------------------

Site 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
Type of construction	(1) IM B5 / V1 w/o 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 operation
Direction of rotation	bi-directional

Terminal box:

Material of terminal box	aluminium
Type	gk 030
Terminal screw thread	M4
Max. cable cross-sectional area	1.50 mm ²
Cable diameter from ... to ...	9.00 mm - 17.00 mm
Cable entry	1xM25x1,5-1xM16x1,5
Cable gland	2 plugs

Special configurations: