



Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : 1LA7083-2AA13

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 :			1.10 kW 1.30 kW			
Rated speed :			2845 1/ min 3445 1/ min			
Rated torque :			3.7 Nm 3.6 Nm			
Rated current (IE) :			VD 4.26 A	VY 2.45 A	VY 2.30 A	
Starting / rated current :			6.1 6.5			
Breakdown / rated torque :			2.7 2.7			
Starting / rated torque :			2.6 2.6			
Efficiency %			4/4 75.0%	3/4 75.0%	2/4 72.0%	4/4 78.5%
Power factor :			0.87	0.84	0.76	0.88 0.85 0.78
Efficiency class :			IE1 IE1			

Mechanical data:		
Sound pressure level 50Hz/60Hz (load) :		
Moment of inertia :		
Bearing DE :		
Bearing NDE :		
Type of bearing :		
Condensate drainage holes :		
Regreasing device :		
Lubricants :		
Grease lifetime/Relubrication interval :		
Quantity of grease for relubrication :		
External earthing terminal :		
Coating :		

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	080 M
Design of electrical machine :	(3) IM B14 / V18 / V19, special flange
Weight in kg, without optional accessories :	11.00 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:	
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