



Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : 1LA7083-2AA10

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	VY		VY	
		4.26 A	2.45 A		2.30 A	
Starting / rated current :		6.1			6.5	
Breakdown / rated torque :		2.7			2.7	
Starting / rated torque :		2.6			2.6	
		4/4	3/4	2/4	4/4	3/4 2/4
Efficiency %	75.0%	75.0%	72.0%	78.5%	79.0%	76.5%
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 :	
Altitude above sea level :	
Standards and specifications :	

General data:	
Frame size	
Design of electrical machine :	
Weight in kg, without optional accessories :	
Frame material :	
Degree of protection :	
Method of cooling, TEFC :	
Vibration class :	
Insulation :	
Duty type :	
Direction of rotation :	

Terminal box:	
Material of terminal box :	
Type of terminal box :	
Contact screw thread :	
Max. cross-sectional area :	
Cable diameter from ... to ... :	
Cable entry :	
Cable gland :	

Special design:	
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