



Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : 1LG6183-2MA60

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

Item no. :
Consignment no. :
Project :

Electrical data :						
Rated voltage : (6) 400 VD/690 VY, 50 Hz, 460 VD, 60 Hz						
Frequency :			50 Hz			
Rated power :			22.00 kW			
Rated speed :			2955 1/min			
Rated torque :			71.1 Nm			
			60 Hz			
			24.50 kW /			
			3555 1/min			
			65.8 Nm			
			VD	VY	VD	VY
			39.5 A	22.9 A	38.5 A	
Starting / rated current :			7.4			
Breakdown / rated torque :			3.3			
Starting / rated torque :			2.4			
			4/4	3/4	2/4	
Efficiency %			91.3 %	92.0 %	90.4 %	
Power factor :			0.88	0.86	0.76	
Efficiency class :			IE2			
Design Letter / Code Letter			A			
CC 032A			Yes			

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 :		

Explosion protection :	
Type of protection :	without (standard)

Environmental conditions :	
Ambient temperature :	-20.0 °C - +40 °C
Altitude above sea level :	1000 m
Standards and specifications :	IEC, DIN, ISO, VDE, EN

General data :	
Frame size :	180 M
Design of electrical machine :	(0) IM B3 / B6 / B7 / B8 / V5 without canopy
Weight in kg, without optional accessories :	170.00 kg
Frame material :	Cast iron
Degree of protection :	IP 55
Method of cooling, TEFC :	IC 411
Vibration class :	A
Insulation :	155(F) to 130(B)
Duty type :	S1 - continuous duty
Direction of rotation :	Bi-directional

Terminal box :	
Material of terminal box :	Aluminum
Type of terminal box :	gk 330
Contact screw thread :	M5
Max. cross-sectional area :	16.00 mm²
Cable diameter from ... to ... :	19.0mm - 28.0mm
Cable entry :	2xM40x1,5
Cable gland null	2 plugs

Special design :	
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