



Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : 1LG4310-4AA90-Z
A11+D22+K20+L1L

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

Item no. :
Consignment no. :
Project :

Electrical data :						
Rated voltage : 380 VD/660 VY, 50 Hz						
Frequency :			50 Hz			
Rated power :			110.00 kW			
Rated speed :			1488 1/min			
Rated torque :			706.0 Nm			
Rated current (IE) :			210.5 A			
Starting / rated current :			6.4			
Breakdown / rated torque :			2.8			
Starting / rated torque :			2.5			
Efficiency %			93.3 %			
Power factor :			0.85			
Efficiency class :			IE1			

no value						
No						

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 :	

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 null	

Special design :	
A11	PTC thermistor motor protection using 3 integrated temperature sensors for shutdown
D22	motor without CE character for export outside the EEA (see EU regulation 640/2009)
K20	Bearing design for increased cantilever forces
L1L	380 VD/660 VY at 50 Hz