



Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : 1LG4206-6AA90-Z
D22+D47+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			60 Hz		
Rated power :		18.50 kW			22.00 kW		
Rated speed :		975 1/min			1175 1/min		
Rated torque :		181.2 Nm			178.8 Nm		
Rated current (IE) :		VD	VY	VD	VY		
		39.0 A	22.4 A	38.7 A			
Starting / rated current :		5.6			5.7		
Breakdown / rated torque :		2.5			2.4		
Starting / rated torque :		2.5			2.5		
		4/4	3/4	2/4	4/4	3/4	2/4
Efficiency %		88.6 %	89.0 %	88.6 %	91.0 %	91.9 %	91.8 %
Power factor :		0.81	0.76	0.66	0.82	0.82	0.68
Efficiency class :		IE1			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 :	
D22 motor without CE character for export outside the EEA (see EU regulation 640/2009)	
L1L 380 VD/660 VY at 50 Hz	