

Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : **1LG4288-4AA60-Z**
D04+D22+K11

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 :			110.00 kW			
Rated speed :			1488 1/min			
Rated torque :			706.0 Nm			
Rated current (IE) :			205.0 A			
Starting / rated current :			7.9			
Breakdown / rated torque :			3.3			
Starting / rated torque :			2.8			
Efficiency %			93.3 %			
Power factor :			0.84			
Efficiency class :			IE1			

no value						
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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 :	-30.0 °C - +40 °C
Altitude above sea level :	1000 m
Standards and specifications :	IEC, DIN, ISO, VDE, EN

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.

General data :	
Frame size :	280 M
Design of electrical machine :	(0) IM B3 / B6 / B7 / B8 / V5 without canopy
Weight in kg, without optional accessories :	680.00 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 :	Cast iron
Type of terminal box :	gt 520
Contact screw thread :	M10
Max. cross-sectional area :	120.00 mm²
Cable diameter from ... to ... :	34.0mm - 42.0mm
Cable entry :	2xM63x1,5
Cable gland null	2 plugs

Special design :	
D04	Minimum ambient temperature -30°C
D22	motor without CE character for export outside the EEA (see EU regulation 640/2009)
K11	Terminal box mounted at the top, bolted on feet