

Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : 1LG4310-4AA90-Z
D22+L1Y

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

Item no. :
Consignment no. :
Project :

Electrical data :

Rated voltage :	Special voltage, non-standard winding
Frequency :	
Rated power :	
Rated speed :	
Rated torque :	
Rated current (IE) :	
Starting / rated current :	
Breakdown / rated torque :	
Starting / rated torque :	
Efficiency %	
Power factor :	
Efficiency class :	

Mechanical data :

Sound pressure level 50Hz/60Hz (load) :	
Moment of inertia :	1.90 kg m ²
Bearing DE :	6319 C3
Bearing NDE :	6319 C3
Type of bearing :	Locating bearing NDE (standard)
Condensate drainage holes :	Yes
Regreasing device :	Yes (standard)
Lubricants :	Esso Unirex N3
Grease lifetime/Relubrication interval :	6000 h
Quantity of grease for relubrication :	40.0 g
External earthing terminal :	Yes
Coating :	

Explosion protection :

Type of protection :	without (standard)
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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 :	315 S
Design of electrical machine :	(0) IM B3 / B6 / B7 / B8 / V5 without canopy
Weight in kg, without optional accessories :	730.00 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 620
Contact screw thread :	M12
Max. cross-sectional area :	240.00 mm ²
Cable diameter from ... to ... :	38.0mm - 45.0mm
Cable entry :	2xM63x1,5
Cable gland null	2 plugs

Special design :

D22	motor without CE character for export outside the EEA (see EU regulation 640/2009)
L1Y	