

Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : **1LG4317-4AA90-Z**
A23+B02+D22+D31+K55+L00+L1Y+L27

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 :

General data :

Frame size : 315 L

Design of electrical machine : (0) IM B3 / B6 / B7 / B8 / V5 without canopy

Weight in kg, without optional accessories : 1060.00 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 791

Contact screw thread : M16

Max. cross-sectional area : 400.00 mm²

Cable diameter from ... to ... : 41.0mm - 56.0mm

Cable entry : 2xM72x2

Cable gland null 4 glands

Mechanical data :

Sound pressure level 50Hz/60Hz (load) :

Moment of inertia : 3.50 kg m²

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 :

Special design :

A23 Motor temperature sensing with integrated KTY 84-130 temperature sensor

B02 Acceptance test certificate 3.1 acc. to EN 10204

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

D31 Version according to UL with "Recognition Mark"

K55 Cable gland, maximum number

L00 Next largest terminal box

L1Y

L27 Insulated bearing cartridge

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, EN, UL