



Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : 1LG4317-2AB90-Z
A11+B02+D22+K26+K35+L1Y+L27+L36+Y80

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

Item no. :
Consignment no. :
Project :

Electrical data :		General data :	
Rated voltage :	Special voltage, non-standard winding	Frame size :	315 L
Frequency :		Design of electrical machine :	(0) IM B3 / B6 / B7 / B8 / V5 without canopy
Rated power :		Weight in kg, without optional accessories :	1015.00 kg
Rated speed :		Frame material :	Cast iron
Rated torque :		Degree of protection :	IP 55
Rated current (IE) :		Method of cooling, TEFC :	IC 411
		Vibration class :	A
Starting / rated current :		Insulation :	155(F) to 130(B)
Breakdown / rated torque :		Duty type :	S1 - continuous duty
Starting / rated torque :		Direction of rotation :	Bi-directional
Efficiency %		Terminal box :	
Power factor :		Material of terminal box :	Cast iron
Efficiency class :		Type of terminal box :	gt 620
		Contact screw thread :	M12
		Max. cross-sectional area :	240.00 mm²

Mechanical data :		Cable gland	
Sound pressure level 50Hz/60Hz (load) :		entry :	2xM63x1,5-2xM20x1,5
Moment of inertia :	2.10 kg m²	gland	4 plugs
Bearing DE :	6219 C3		
Bearing NDE :	6219 C3	Special design :	
Type of bearing :	Locating bearing NDE (standard)	A11	PTC thermistor motor protection using 3 integrated temperature sensors for shutdown
Condensate drainage holes :	Yes	B02	Acceptance test certificate 3.1 acc. to EN 10204
Regreasing device :	Yes (standard)	D22	motor without CE character for export outside the EEA (see EU regulation 640/2009)
Lubricants :	Esso Unirex N3	K26	Special paint finish, RAL 7030 stone grey
Grease lifetime/Relubrication interval :	3000 h	K35	Outer metal fan
Quantity of grease for relubrication :	30.0 g	L1Y	
External earthing terminal :	Yes	L27	Insulated bearing cartridge
Coating :		L36	Sheet steel fan cowl
		Y80	Supplementary rating plate with different dataEnter power data

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, VDE, EN