



Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : 1LG4317-4AA68-Z
A12+K10

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 :				200.00 kW		
Rated speed :				1486 1/min		
Rated torque :				1285.3 Nm		
Rated current (IE) :				1229.8 Nm		
VD				VY		
350.0 A				202.9 A		
Starting / rated current :				6.5		
Breakdown / rated torque :				2.8		
Starting / rated torque :				2.6		
4/4				3/4		
94.0 %				94.2 %		
Power factor :				0.88		
Efficiency class :				IE1		
no value				IE1		
No				No		

Mechanical data :		
Sound pressure level 50Hz/60Hz (load) :		
		70.0(A) 75.0(A)
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 :	-20.0 °C - +40 °C
Altitude above sea level :	1000 m
Standards and specifications :	IEC, DIN, ISO, VDE, EN

General data :	
Frame size :	315 L
Design of electrical machine :	(8) IM V1 / in 3011 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 620
Contact screw thread :	M12
Max. cross-sectional area :	240.00 mm²
Cable diameter from ... to ... :	38.0mm - 45.0mm
Cable entry :	2xM63x1,5-2xM20x1,5
Cable gland null	4 plugs

Special design :	
A12	PTC thermistor motor protection using 6 integrated temperature sensors for alarm and shutdown
K10	Terminal box mounted on the left side