

Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : 1LG4317-2AB60

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			60 Hz		
Rated power :	200.00 kW			224.00 kW /		
Rated speed :	2982 1/min			3582 1/min		
Rated torque :	640.5 Nm			597.2 Nm		
Rated current (IE) :	VD	VY		VD	VY	
	335.0 A	194.2 A		325.0 A		
Starting / rated current :	6.7			6.7		
Breakdown / rated torque :	2.9			2.9		
Starting / rated torque :	2.3			2.4		
	4/4	3/4	2/4	4/4	3/4	2/4
Efficiency %	94.0 %	93.9 %	93.5 %	94.1 %	93.9 %	93.2 %
Power factor :	0.92	0.91	0.87	0.92	0.92	0.88
Efficiency class :	IE1			IE1		
	no value					
	No					

Mechanical data :

Sound pressure level 50Hz/60Hz (load) :	79.0(A)	84.0(A)
Moment of inertia :	2.10 kg m ²	
Bearing DE :	6219 C3	
Bearing NDE :	6219 C3	
Type of bearing :	Locating bearing NDE (standard)	
Condensate drainage holes :	Yes	
Regreasing device :	Yes (standard)	
Lubricants :	Esso Unirex N3	
Grease lifetime/Relubrication interval :	3000 h	
Quantity of grease for relubrication :	30.0 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 L
Design of electrical machine :	(0) IM B3 / B6 / B7 / B8 / V5 without canopy
Weight in kg, without optional accessories :	1015.00 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 :