



Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : 1LG4253-4AA61

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

Item no. :
Consignment no. :
Project :

Mechanical data :	
Sound pressure level 50Hz/60Hz (load) :	
	67.0(A) 71.0(A)
Moment of inertia :	
	0.69 kg m²
Bearing DE :	
	6215 ZC3
Bearing NDE :	
	6215 ZC3
Type of bearing :	
	Locating bearing NDE (standard)
Condensate drainage holes :	
	Yes
Regreasing device :	
	No
Lubricants :	
	Esso Unirex N3
Grease lifetime/Relubrication interval :	
	40000 h
Quantity of grease for relubrication :	
	null g
External earthing terminal :	
	Yes
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 :	
	250 M
Design of electrical machine :	
	(1) IM B5 / V1 without canopy
Weight in kg, without optional accessories :	
	390.00 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 520
Contact screw thread :	
	M10
Max. cross-sectional area :	
	120.00 mm²
Cable diameter from ... to ... :	
	34.0mm - 42.0mm
Cable entry :	
	2xM63x1,5
Cable gland null	
	2 plugs

Special design :	
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