



Data sheet for three-phase Squirrel-Cage-Motors

MLFB-Ordering data : 1LA5223-6AA60-Z
C01+D22+D47+G26

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 :	30.00 kW			36.00 kW		
Rated speed :	978 1/ min			1177 1/ min		
Rated torque :	292.9 Nm			292.1 Nm		
Rated current (IE) :	VD	VY		VD		
	62.00 A	35.94 A		64.00 A		
Starting / rated current :	5.7			5.7		
Breakdown / rated torque :	2.9			2.9		
Starting / rated torque :	2.8			2.8		
	4/4	3/4	2/4	4/4	3/4	2/4
Efficiency %	90.2%	90.2%	89.2%	91.7%	91.7%	90.7%
Power factor :	0.77	0.71	0.59	0.77	0.71	0.59
Efficiency class :	IE1			IE1		

Mechanical data:

Sound pressure level 50Hz/60Hz (load) :	66 dB(A)	70 dB(A)
Moment of inertia :	0.36 kg*m²	
Bearing DE :	6213 ZC3	
Bearing NDE :	6212 ZC3	
Type of bearing :	Locating bearing NDE (standard)	
Condensate drainage holes :		
Regreasing device :	No	
Lubricants :	Esso Unirex N3	
Grease lifetime/Relubrication interval :	40000 h	
Quantity of grease for relubrication :	null g	
External earthing terminal :	No	
Coating :	Special paint finish RAL 7030 stone gray	

Environmental conditions:

Ambient temperature :	-20 °C - +40 °C
Altitude above sea level :	1000 m
Standards and specifications :	IEC, DIN, ISO, VDE, EN

General data:

Frame size	225 M
Design of electrical machine :	(0) IM B3 / B6 / B7 / B8 / V5 without canopy
Weight in kg, without optional accessories :	214.00 kg
Frame material :	Aluminum
Degree of protection :	IP 55
Method of cooling, TEFC :	IC 411
Vibration class :	A (Standard)
Insulation :	155(F) to 130(B)
Duty type :	S1 - continuous duty
Direction of rotation :	Bi-directional

Terminal box:

Material of terminal box :	
Type of terminal box :	gk 431
Contact screw thread :	
Max. cross-sectional area :	
Cable diameter from ... to ... :	
Cable entry :	
Cable gland :	

Special design:

C01	Brake supply voltage AC 400V, 50Hz
D22	motor without CE character for export outside the EEA (see EU regulation 640/2009)
G26	Mounting a brake