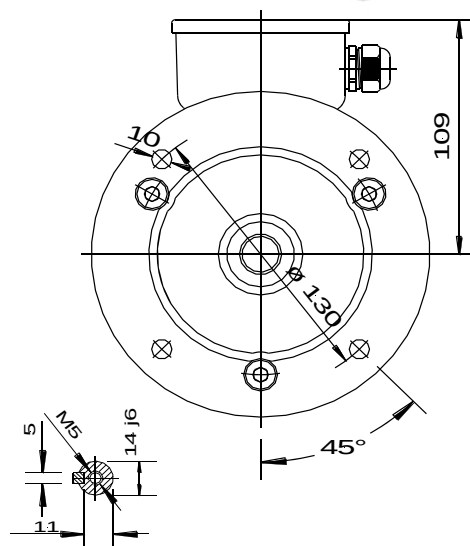
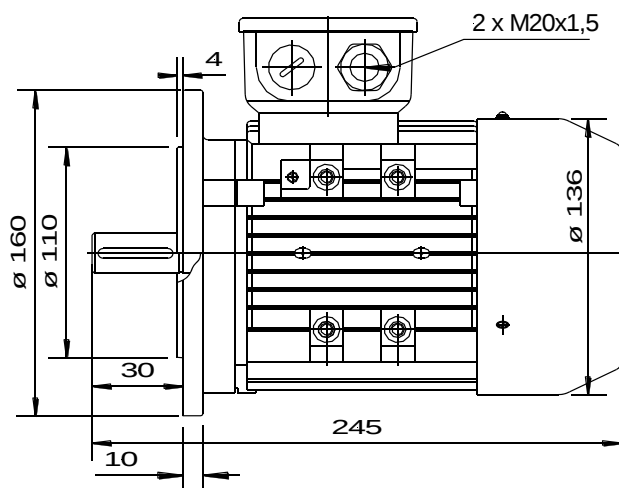


AC-Motoren GmbH

Data sheet for 3-Phase Squirrel Cage Motors

Motortype **FCA 71 B-4**
 Standard Efficiency

IM B5 / IM 3001



Electrical datas		
Rated motor power	0,37	KW
Rated motor speed	1330	min-1 / 50 Hz
	1596	min-1 / 60 Hz
Rated motor voltage	230	V Δ / 50 Hz
(+/- 5%)	400	V Y / 50 Hz
	265	V Δ / 60 Hz
	460	V Y / 60 Hz
Rated motor torque	2,66	Nm (Mn)
Rated motor current	1,84 / 1,06	A (In)
Starting motor current	5,20	x In
Starting motor torque	2,10	x Mn
Breakdown motor tor.	2,20	x Mn
Efficiency	67,00%	by 100 % Load
Efficiency class	-	
Power factor at	0,75	by 100 % Load

General datas	
Frame size	71
Type of construction	IM B5 / IM 3001
Weight	6,30 kg
Frame material	Aluminium
Protection	IP 55
Insulation	F utilized to B
Tropical insulation	yes
Vibration class	N
Duty type	S1
Direction of rotation	bi-directional
Method of cooling	IC 411
Cable entries	2 x M20x1,5
Norm / Standards	IEC / DIN / ISO / VDE / EN
Execute at	IEC 60034 -1
Paintwork	RAL 7030 gray
Warranty	12 month

Mechanical datas		
Noise level	54,0	dB(A)
Moment of inertia	0,00130	Kgm ²
Bearing A - Site	6202.ZZ.C3	
Bearing B - Site	6202.ZZ.C3	
Bearing lifetime	20000 h	by max Fr + Fx
max. Radialload (Fr)	613 N	middle of shaft
max. Axialload (Fx)	370 N	pull force
	370 N	pressure force
Locating bearing	fixed BS	Standard

Explosion protection	
type of protection	Without

Site conditions	
Ambient temperature	- 20 bis + 40 °C
Altitude above sea level	1000 m over sea

Special configurations	
Feet removeable	
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