

Data sheet for three-phase Squirrel-Cage-Motors



Type: 1TZ9 C 132S-2 – 7,5/8,6kW

Motor type: 1CV3131A

Customer :

Date :

Order no. :

Our order :

Remarks :

Item nr. :185145

U	Δ / Y	f	P	P	I	n	M	NOM. EFF at ... load [%]			Power factor at ... load			I _A /I _N	M _A /M _N	M _K /M _N	IE-CL
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I _I /I _N	T _I /T _N	T _B /T _N	
230	Δ	50	7.50	- / -	23.00	2950	24.3	90.1	90.1	89.1	0.92	0.90	0.86	8.3	1.9	3.9	IE3
400	Y	50	7.50	- / -	13.10	2950	24.3	90.1	90.1	89.1	0.92	0.90	0.86	8.3	1.9	3.9	IE3
460	Y	60	8.60	- / -	13.00	3550	23.2	90.2	90.2	89.2	0.92	0.90	0.86	8.2	2.0	3.9	IE3

IM B35 / IM 2001		FS 132 S	73 kg	IP55	IEC/EN 60034	IEC, DIN, ISO, VDE, EN		
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Mechanical data		
Sound pressure level 50 Hz/60Hz (load)	68 db(A)	72 db(A)
Moment of inertia	0.031 kg m²	
Bearing DE NDE	6308 2ZC3	6308 2ZC3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Located bearing NDE	
Condensate drainage holes	Yes (standard)	
External earthing terminal	Yes	
Vibration class	A	
Insulation	155(F) to 130(B)	
Duty type	S1	
Direction of rotation	bidirectional	
Frame material	cast iron	
Data of anti condensation heating	-/-	
Coating	Standard paint finish	
Color	RAL7030	
Motor protection	(B) 3 PTC thermistors - for tripping	
Method of cooling	IC411 - self ventilated, surface cooled	

Terminal box	
Terminal box position	top
Material of terminal box	cast iron
Type of terminal box	TB1 H01
Contact screw thread	M4
Max. cross-sectional area	6.0 mm²
Cable diameter from ... to ...	11.0 mm - 21.0 mm
Cable entry	2xM32x1,5-1xM16x1,5
Cable gland	3 plugs

Special design	
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Environmental conditions

Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m

Explosion protection

Type of protection	- / -
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