LÖNNE

Data sheet for three-phase Squirrel-Cage-Motors

Type: 1TZ9 A 132M-4
D04+R12

Motor type: 1AV2132B
Client order no.: Item no.:
Order no.: Consignment no.:
Offer no.: Project:
Remarks:

U [V]	Δ / Y	f [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%] 4/4	3/4	2/4	Power factor at ... load 4/4	3/4	2/4	I_A/I_N I_I/I_N	M_A/M_N T_I/T_N	M_K/M_N T_B/T_N	IE-CL
400	Δ	50	10	- / -	22.5	1440	66				0.77						
690	Y	50	10	- / -	13	1440	66				0.77						
400	Δ	60	10	- / -	19.6	1735	55				0.85						
690	Y	60	10	- / -	11.3	1735	55				0.85						
IM B5 / IM 3001		FS 132 M			49 kg	IP55	CC032A	IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

Mechanical data

Sound pressure level 50Hz/60Hz (load)	64 dB(A)	68 dB(A)
Moment of inertia	0.028 kg m²	
Bearing DE | NDE	6208 2Z C3	6208 2Z C3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Fixed bearing DE	
Condensate drainage holes	No	
External earthing terminal		
Vibration class	A	
Insulation	180(H)	
Duty type	S6-60%	
Direction of rotation	bidirectional	
Frame material	aluminum	
Data of anti condensation heating	-/-	
Coating (paint finish)	Standard paint finish C2	
Color, paint shade	RAL7030	
Motor protection	(A) without (Standard)	
Method of cooling	IC411 - self ventilated, surface cooled	

Environmental conditions

Ambient temperature	-30 °C - +40 °C
Altitude above sea level	1000 m

Terminal box

Terminal box position	top
Material of terminal box	Aluminium
Type of terminal box	TB1 H00
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
Cable gland	2 plugs

Special design (2)

D04 Minimum ambient temperature -30°C

R12 Terminal box rotated through 180°

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.