

SIEMENS

Data sheet for three-phase Squirrel-Cage-Motors



Ordering data:

1LE1023-1CB09-0JB4

M2F

Motor type:

1AV3130B

Client order no.:

Order no.:

Offer no.:

Remarks:

Item no.:

Consignment no.:

Project:

U [V]	$\Delta$ / Y	f [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			$I_A/I_N$ $I/I_N$	$M_A/M_N$ $T_f/T_N$	$M_K/M_N$ $T_B/T_N$	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
460	$\Delta$	60	5.50	7.5	9.10	1780	30.0	91.7	91.7	90.7	0.83	0.79	0.69	9.5	2.9	4.4	NPE
IM B35 / IM 2001		FS 132 S		64 kg		IP55		IEC/EN 60034		IEC, EN, NEMA MG1-12-12, UL, CSA							

Mechanical data			Terminal box	
Sound pressure level 50 Hz/60Hz (load)	64 db(A)	68 db(A)	Terminal box position	top
Moment of inertia	0.046 kg m²		Material of terminal box	Aluminium
Bearing DE   NDE	6208 2ZC3	6208 2ZC3	Type of terminal box	TB1 H00
Bearing lifetime	40000 h		Contact screw thread	M4
Lubricants	Esso Unirex N3		Max. cross-sectional area	6.0 mm²
Regreasing device	No		Cable diameter from ... to ...	11.0 mm - 21.0 mm
Grease nipple	- / -		Cable entry	2xM32x1,5-1xM16x1,5
Type of bearing	Preloaded bearing NDE		Cable gland	3 plugs
Condensate drainage holes	No		<div>Special design</div> <div>M2F460 VD for 60 Hz, 50-Hz power</div>	
External earthing terminal	No			
Vibration class	A			
Insulation	155(F) to 130(B)			
Duty type	S1			
Direction of rotation	bidirectional			
Frame material	aluminum			
Data of anti condensation heating	-/-			
Coating	Special paint finish			
Color	RAL7030			
Motor protection	(B) 3 PTC thermistors - for tripping			
Method of cooling	IC411 - self ventilated, surface cooled			

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

Explosion protection	
Type of protection	- / -