

SIEMENS

Data sheet for three-phase Squirrel-Cage-Motors



Ordering data: 1LE1501-1EB43-4FA4

Motor type: 1CV2184B

Client order no.:
Order no.:
Offer no.:
Remarks:

Item no.:
Consignment no.:
Project:

U [V]	Δ / 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				
400	Δ	50	22.00	- / -	41.50	1465	143.0	91.6	92.2	91.9	0.84	0.80	0.70	7.3	2.6	3.5	IE2
690	Y	50	22.00	- / -	24.00	1465	143.0	91.6	92.2	91.9	0.84	0.80	0.70	7.3	2.6	3.5	IE2
460	Δ	60	25.30	- / -	40.50	1765	137.0	92.4	92.9	92.5	0.85	0.80	0.72	7.5	2.6	3.4	IE2
460	Δ	60	22.00	- / -	36.00	1770	119.0	92.4	92.5	91.8	0.83	0.78	0.67	8.4	3.0	3.9	IE2
IM B5 / IM 3001			FS 180 L		170 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	69 db(A)	72 db(A)	Terminal box position	top
Moment of inertia	0.13 kg m²		Material of terminal box	cast iron
Bearing DE NDE	6210 ZC3	6210 ZC3	Type of terminal box	TB1 J01
Bearing lifetime	40000 h		Contact screw thread	M5
Lubricants	Esso Unirex N3		Max. cross-sectional area	16.0 mm²
Regreasing device	No		Cable diameter from ... to ...	19.0 mm - 28.0 mm
Grease nipple	- / -		Cable entry	2xM40x1,5
Type of bearing	Locating bearing NDE		Cable gland	2 plugs
Condensate drainage holes	Yes (standard)		Environmental conditions	
External earthing terminal	Yes (standard)		Ambient temperature	-20 °C - +40 °C
Vibration class	A		Altitude above sea level	1000 m
Insulation	155(F) to 130(B)		Special design	
Duty type	S1			
Direction of rotation	bidirectional			
Frame material	cast iron			
Data of anti condensation heating	-/-			
Coating	Standard paint finish C2			
Color	RAL7030			
Motor protection	(A) without (Standard)			
Method of cooling	IC411 - self ventilated, surface cooled			