

SIEMENS

Data sheet for three-phase Squirrel-Cage-Motors



Ordering data: 1LE1503-2AB52-2AB4

Motor type: 1CV3205B

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				
230	Δ	50	30.00	- / -	96.00	1470	195.0	93.6	94.3	94.4	0.84	0.80	0.71	7.3	2.6	3.1	IE3
400	Y	50	30.00	- / -	55.00	1470	195.0	93.6	94.3	94.4	0.84	0.80	0.71	7.3	2.6	3.1	IE3
460	Y	60	34.50	- / -	55.00	1770	186.0	93.0	93.5	93.5	0.85	0.81	0.74	7.3	2.4	3.0	IE2
460	Y	60	30.00	- / -	48.00	1775	161.0	94.1	94.3	93.8	0.83	0.78	0.68	8.1	3.0	3.5	IE3
IM B3 / IM 1001			FS 200 L		240 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	65 db(A)	67 db(A)	Terminal box position	top
Moment of inertia	0.22 kg m²		Material of terminal box	cast iron
Bearing DE NDE	6212 ZC3	6212 ZC3	Type of terminal box	TB1 L01
Bearing lifetime	40000 h		Contact screw thread	M6
Lubricants	Esso Unirex N3		Max. cross-sectional area	25.0 mm²
Regreasing device	No		Cable diameter from ... to ...	27.0 mm - 35.0 mm
Grease nipple	- / -		Cable entry	2xM50x1,5-2xM20x1,5
Type of bearing	Locating bearing NDE		Cable gland	3 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	(B) 3 PTC thermistors - for tripping			
Method of cooling	IC411 - self ventilated, surface cooled			