

Data sheet for three-phase Squirrel-Cage-Motors



Type: 1TZ9 C 200L-4
L23+L25

Motor type: 1CV3205B

Customer:

Order no.:

Remarks:

Date:

Our order:

Item no:

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 _A /I _N	T _A /T _N	T _B /T _N	
400	Δ	50	30.00	- / -	55.00	1470	195.0	93.6	94.0	93.7	0.84	0.80	0.71	7.3	2.6	3.1	IE3
690	Y	50	30.00	- / -	32.00	1470	195.0	93.6	94.0	93.7	0.84	0.80	0.71	7.3	2.6	3.1	IE3
460	Δ	60	34.50	- / -	55.00	1770	186.0	93.0	93.3	92.9	0.85	0.81	0.73	7.3	2.4	3.0	IE2
460	Δ	60	30.00	- / -	48.00	1778	161.0	94.1	94.2	93.6	0.83	0.79	0.70	8.8	2.6	3.5	IE3
IM B35 / IM 2001			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) ¹⁾		67 dB(A) ¹⁾		Terminal box position	
Moment of inertia		0.24 kg m ²				Material of terminal box	
Bearing DE NDE		6312 C3		6312 C3		Type of terminal box	
Relubrication interval/quantity (AS BS)		10 g 10 g 8000 h				Contact screw thread	
Lubricants		Unirex N3				Max. cross-sectional area	
Regreasing device		Yes				Cable diameter from ... to ...	
Grease nipple		M10x1 DIN 3404 A				Cable entry	
Type of bearing		Locating bearing NDE				Cable gland	
Condensate drainage holes		Yes (standard)					
External earthing terminal		Yes (standard)					
Vibration severity grade		A					
Insulation		155(F) to 130(B)					
Duty type		S1					
Direction of rotation		bidirectional					
Frame material		cast iron					
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	-20 °C - +40 °C
Altitude above sea level	1000 m

Notes	
I _A /I _N = locked rotor current / current	M _K /M _N = break down torque / nominal torque
M _A /M _N = locked rotor torque / torque	1) at rated power