

Data sheet for three-phase Squirrel-Cage-Motors



Type: 1TZ9 C 200L-4
L23+L25+M1Y+Q01+Q02+R18+Y52

Motor type: 1CV2205B
Customer :
Order no. :
Remarks :
Date :
Our order :
Item nr. : 6004236

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 _I /I _N	T _I /T _N	T _B /T _N	
690	Δ	60	34.50	- / -	37.00	1770	186.0	93.0	93.5	93.1	0.85	0.81	0.73	7.2	2.7	3.2	IE2
IM B35 / IM 2001			FS 200 L		230 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

All values are calculated. The final rating plate data will be determined upon receipt of an order.
Efficiency factor and efficiency class according to EuP directive apply to rated power under standard conditions.

Mechanical data			Terminal box		
Sound pressure level 50Hz/60Hz (load)	70 dB(A)	72 dB(A)	Terminal box position		top
Moment of inertia	0.20 kg m²		Material of terminal box		cast iron
Bearing DE NDE	6312 C3	6312 C3	Type of terminal box		TB1 L01
Relubrication interval/quantity	10 g 10 g 8000 h		Contact screw thread		M6
Lubricants	Esso Unirex N3		Max. cross-sectional area		-/-
Regreasing device	Yes		Cable diameter from ... to ...		-/-
Grease nipple	M10x1 DIN 3404 A		Cable entry		1xM32x1,5-2xM20x1,5
Type of bearing	Locating bearing NDE		Cable gland		-/-
Condensate drainage holes	Yes (standard)		Special design L23Regreasing system L25Double sides reinforced bearings for DE and NDE, Type 63 M1YNon-standard winding: 690VD_60Hz_34.5kW Q01Measuring nipple for SPM shock pulse measurement to monitor bearings Q02Anti-condensation heating 230 V R18Cable gland metal, max. number Y52Temperature class 155 (F), utilised to 155 (F), other requirements/specifications: 1000m_50°C_34.5kW		
External earthing terminal	Yes (standard)				
Vibration class	A				
Insulation	155(F) to 155(F)				
Duty type	S1				
Direction of rotation	bidirectional				
Frame material	cast iron				
Data of anti condensation heating	230 V, 50 W				
Coating	Standard paint finish C2				
Color	RAL7030				
Motor protection	(A) without (Standard)				
Method of cooling	IC411 - self ventilated, surface cooled				
Environmental conditions					
Ambient temperature	-20 °C - +50 °C				
Altitude above sea level	1000 m				