



MLFB-Ordering data: 1LE1503-2DB23-4AA4-Z
L05

Motor type: 1CV3282B

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

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 _f /T _N	T _B /T _N	
400	Δ	50	90.00	- / -	157.00	1485	579.0	95.2	95.5	95.3	0.87	0.84	0.76	7.2	2.6	3.0	IE3
690	Y	50	90.00	- / -	91.00	1485	579.0	95.2	95.5	95.3	0.87	0.84	0.76	7.2	2.6	3.0	IE3
460	Δ	60	104.00	- / -	158.00	1785	556.0	95.0	95.3	94.9	0.87	0.85	0.77	7.0	2.6	2.9	IE2
460	Δ	60	90.00	- / -	136.00	1788	481.0	95.4	95.5	94.9	0.87	0.84	0.75	8.0	2.9	3.3	IE3
IM B3 / IM 1001			FS 280 M		670 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	70 dB(A) ¹⁾	79 dB(A) ¹⁾	Terminal box position	top
Moment of inertia	1.70 kg m²		Material of terminal box	cast iron
Bearing DE NDE	6317 C3	6317 C3	Type of terminal box	TB1 N01
Relubrication interval/quantity	30 g 30 g 8000 h		Contact screw thread	M10
Lubricants	Esso Unirex N3		Max. cross-sectional area	120.0 mm²
Regreasing device	Yes (standard)		Cable diameter from ... to ...	34.0 mm - 42.0 mm
Grease nipple	M10x1 DIN 3404 A		Cable entry	2xM63x1,5
Type of bearing	Locating bearing NDE		Cable gland	2 plugs
Condensate drainage holes	Yes (standard)		Special design (1)	
External earthing terminal	Yes (standard)			
Vibration severity grade	A		L05	Second standard shaft extension
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/N} = locked rotor current / current nominal M_K/M_N = break down torque / nominal torque
M_A/M_N = locked rotor torque / torque nominal 1) Value is valid only for DOL operation with motor design IC411