



MLFB-Ordering data: 1LE1501-3AB43-4AB4-Z
L22

Motor type: 1CV2314B

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	160.00	- / -	280.00	1490	1025.0	94.9	95.0	94.5	0.87	0.84	0.77	7.2	2.8	3.1	IE2
690	Y	50	160.00	- / -	164.00	1490	1025.0	94.9	95.0	94.5	0.87	0.84	0.77	7.2	2.8	3.1	IE2
460	Δ	60	184.00	- / -	275.00	1788	983.0	95.4	95.4	94.6	0.88	0.86	0.79	7.2	2.9	3.0	IE2
460	Δ	60	160.00	- / -	245.00	1790	854.0	95.0	94.7	93.5	0.87	0.83	0.75	8.3	3.1	3.2	IE2
IM B3 / IM 1001			FS 315 L		940 kg	IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data		
Sound pressure level 50Hz/60Hz (load)	76 dB(A)	80 dB(A)
Moment of inertia	2.80 kg m²	
Bearing DE NDE	NU 319	6319 C3
Relubrication interval/quantity	40 g 40 g 6000 h	
Lubricants	Esso Unirex N3	
Regreasing device	Yes (standard)	
Grease nipple	M10x1 DIN 3404 A	
Type of bearing	Locating bearing NDE	
Condensate drainage holes	Yes (standard)	
External earthing terminal	Yes (standard)	
Vibration class	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	(B) 3 PTC thermistors - for tripping (2 terminals)	
Method of cooling	IC411 - self ventilated, surface cooled	

Terminal box	
Terminal box position	top
Material of terminal box	cast iron
Type of terminal box	TB1 Q01
Contact screw thread	M12
Max. cross-sectional area	240.0 mm²
Cable diameter from ... to ...	38.0 mm - 45.0 mm
Cable entry	2xM63x1,5-2xM20x1,5
Cable gland	4 plugs

Special design (1)

L22 Bearing design for increased cantilever forces

Environmental conditions	
Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m