



Ordering data: 1LE1603-3AB43-4AB4-Z
L22+L51
Motor type: 1CV3314B

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

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/T_N	M_k/M_N T_B/T_N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	160.00	- / -	275.00	1490	1025.0	95.8	96.1	96.1	0.87	0.85	0.77	7.3	2.9	3.1	IE3
690	Y	50	160.00	- / -	162.00	1490	1025.0	95.8	96.1	96.1	0.87	0.85	0.77	7.3	2.9	3.1	IE3
460	Δ	60	184.00	- / -	275.00	1785	983.0	96.2	96.5	96.3	0.88	0.86	0.79	7.2	3.0	2.9	IE3

IM B3 / IM 1001		FS 315 L	990 kg	IP55	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
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Mechanical data

Sound pressure level 50 Hz/60Hz (load)	73 db(A)	78 db(A)
Moment of inertia	3.10 kg m ²	
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		
Type of bearing	Locating bearing DE	
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	Special paint finish	
Color	RAL7030	
Motor protection	(B) 3 PTC thermistors - for tripping (standard)	
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 mm ²
Cable diameter from ... to ...	38.0 mm - 45.0 mm
Cable entry	2xM63x1,5-2xM20x1,5
Cable gland	4 plugs

Special design

L22	Bearing design for increased cantilever forces
L51	Bearing insulation NDE

Environmental conditions

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

Explosion protection

Type of protection	- / -
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