



Ordering data **1LE1001-0DB22-2FB4**

Client-order-no. / :
Order-no. / :
Offer-no. / :
Remarks / :

Item-no. / :
Consignment-no. / :
Project / :

Electrical data / :

Rated motor voltage	(22) 230VD/400VY 50Hz, 460VY 60Hz					
Frequency	50 Hz		60 Hz			
Rated motor power	0,55 kW		0,63 kW			
Rated motor speed	1440 1/min		1735 1/min			
Rated motor torque	3,6 Nm		3,5 Nm			
Rated motor current (IE) :	VD	VY			VY	
	2,4 A	1,4 A			1,3 A	
Starting- / rated motor current	5,3		6,0			
Breakdown / rated motor torque	3,1		3,2			
Starting- / rated motor torque	2,2		2,3			
Efficiency class	-/-		-/-			
Efficiency (60034-2-1) :	4/4	3/4	2/4	4/4	3/4	2/4
	78,1%	78,9%	76,1%	80,0%	79,5%	77,0%
Power factor	0,74	0,68	0,55	0,76	0,70	0,58
Motor protection :	(B) 1 PTC thermistor - for tripping					
Terminal box position :	(4) terminal box - on top					

General data / :

Frame size	80 M
Type of construction	IM B5 / IM3001
Weight in kg, without optional accessories	10.0 kg
Frame material	aluminum
Degree of protection	IP55
Method of cooling, TEFC	IC 411
Vibration class	A (Standard)
Insulation	155(F) to 130(B)
Duty type	S1 = continuous operation
Direction of rotation	bidirectional

Terminal box / :

Material of terminal box	
Type	TB1 D00
Terminal screw thread	
Max. cable cross-sectional area	mm ²
Cable diameter from ... to ...	mm - mm

Mechanical data / :

Noise 50 Hz/60Hz	53.0 dB(A)	55.0 dB(A)
Moment of inertia	0,0017 kg m ²	
Bearing AS BS	6004 2ZC3	6004 2ZC3
Locating bearing	pre-stressed Bearing NDE	
Drain holes	No	
Regreasing device	No	
Type of lubrication	Esso Unirex N3	
Relubrication interval	40000 h	- g
External earthing	No	
Coating	Special finish in RAL 7030 stone gray	

Explosion protection / :

Type of protection	without (Standard)
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Site conditions / :

Ambient temperature	-20.0 °C - +40 °C
Altitude above sea level	1000 m
Standards and specifications	IEC, DIN, ISO, VDE, EN

Special configurations / :