



Ordering data **1LE1001-0EA42-2FB4**

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	2,20 kW		2,55 kW			
Rated motor speed	2890 1/min		3485 1/min			
Rated motor torque	7,3 Nm		7,0 Nm			
Rated motor current (IE) :	VD	VY	VY			
	7,8 A	4,5 A	4,4 A			
Starting- / rated motor current	7,1		7,6			
Breakdown / rated motor torque	3,7		3,9			
Starting- / rated motor torque	2,5		2,6			
Efficiency class	IE2			IE2		
	4/4	3/4	2/4	4/4	3/4	2/4
Efficiency (60034-2-1) :	83,2%	83,9%	82,3%	85,5%	86,4%	85,3%
Power factor	0,85	0,78	0,64	0,86	0,83	0,75
Motor protection :	(B) 1 PTC thermistor - for tripping					
Terminal box position :	(4) terminal box - on top					

General data / :

Frame size	90 L
Type of construction	IM B5 / IM3001
Weight in kg, without optional accessories	15.0 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 E00
Terminal screw thread	
Max. cable cross-sectional area	mm ²
Cable diameter from ... to ...	mm - mm
Cable entry	
Cable gland	

Mechanical data / :

Noise 50 Hz/60Hz	65.0 dB(A)	69.0 dB(A)
Moment of inertia	0,0021 kg m ²	
Bearing AS BS	6205 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 / :