



Ordering data

1LE1001-0EA02-2FB4

:

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	1,50 kW		1,75 kW			
Rated motor speed	2885 1/min		3480 1/min			
Rated motor torque	5,0 Nm		4,8 Nm			
Rated motor current (IE) :	VD	VY	VY			
	5,5 A	3,2 A	3,1 A			
Starting- / rated motor current	6,9		7,4			
Breakdown / rated motor torque	3,6		3,8			
Starting- / rated motor torque	2,7		2,6			
Efficiency class	IE2			IE2		
	4/4	3/4	2/4	4/4	3/4	2/4
Efficiency (60034-2-1) :	81,3%	82,3%	80,8%	84,0%	84,5%	82,9%
Power factor	0,84	0,76	0,62	0,85	0,81	0,73
Motor protection :	(B) 1 PTC thermistor - for tripping					
Terminal box position :	(4) terminal box - on top					

General data / :

Frame size	90 S
Type of construction	IM B5 / IM3001
Weight in kg, without optional accessories	13.0 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	0,0017 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 / :