



Ordering data

1LE1001-1AA43-4AA4

:

Client-order-no. / :

Order-no. / :

Offer-no. / :

Remarks / :

Item-no. / :

Consignment-no. / :

Project / :

Electrical data / :

Rated motor voltage		(34) 400VD/690VY 50Hz, 460VD 60Hz								
Frequency		50 Hz			60 Hz					
Rated motor power		3,00 kW			3,45 kW					
Rated motor speed		2905 1/min			3505 1/min					
Rated motor torque		9,9 Nm			9,4 Nm					
Rated motor current (IE) :	VD	VY	VD							
	6,1 A	3,5 A	5,8 A							
Starting- / rated motor current		7,0					7,3			
Breakdown / rated motor torque		3,3					3,3			
Starting- / rated motor torque		2,3					2,2			
Efficiency class		IE2			IE2					
Efficiency (60034-2-1) :	4/4	3/4	2/4	4/4	3/4	2/4				
	84,6%	85,2%	84,7%	87,5%	86,4%	86,0%				
Power factor		0,84	0,77	0,64	0,85	0,80	0,68			
Motor protection :		(A) without (Standard)								
Terminal box position :		(4) terminal box - on top								

General data / :

Frame size	100 L
Type of construction	IM B3
Weight in kg, without optional accessories	21.0 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	Aluminum
Type	TB1 F00
Terminal screw thread	M4
Max. cable cross-sectional area	4.0 mm ²
Cable diameter from ... to ...	11.0 mm - 21.0 mm
Cable entry	2xM32x1,5
Cable gland	2 plugs

Mechanical data / :

Noise 50 Hz/60Hz	67.0 dB(A)	71.0 dB(A)
Moment of inertia	0,0044 kg m ²	
Bearing AS BS	6206 2ZC3	6206 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 / :