



Type: 1TZ9 A 132M-4 – 7,5/8,6kW

Customer:
Order-no.:
Remarks:

Date:
Our order:
Item no.: 135099

Electrical data / :						
Rated motor voltage (34) 400VD/690VY 50Hz, 460VD 60Hz						
Frequency	50 Hz			60 Hz		
Rated motor power	7.50 kW			8.60 kW		
Rated motor speed	1465 1/min			1765 1/min		
Rated motor torque	49.0 Nm			47.0 Nm		
Rated motor current (IE) :	VD	VY		VD		
	14.7 A	8.5 A		14.5 A		
Starting- / rated motor current	6.9			7.1		
Breakdown / rated motor torque	2.9			2.9		
Starting- / rated motor torque	2.3			2.3		
Efficiency class	IE2			IE2		
	4/4	3/4	2/4	4/4	3/4	2/4
Efficiency (60034-2-1) :	88.7%	90.3%	88.8%	89.5%	90.5%	89.6%
Power factor	0.83	0.78	0.67	0.83	0.79	0.70
Motor protection :	(A) without (Standard)					
Terminal box position :	(4) terminal box - on top					

Mechanical data / :	
Noise 50 Hz/60Hz	64.0(A) 68.0(A)
Moment of inertia	0.034 kg m ²
Bearing AS BS	6208 2ZC3 6208 2ZC3
Locating bearing	NDE
Drain holes	Yes
Regreasing device	No
Type of lubrication	Esso Unirex N3
Relubrication interval	
External earthing	No
Coating	Special finish in RAL 7030 stone gray

Explosion protection / :	
Type of protection	without (Standard)

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

General data / :	
Frame size	132 M
Type of construction	IM B35
Weight in kg, without optional accessories	49.0 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 H00
Terminal screw thread	M4
Max. cable cross-sectional area	6.0 mm ²
Cable diameter from ... to ...	11.0 mm - 21.0 mm
Cable entry	2xM32x1,5
Cable gland	2 plugs

Special configurations / :	
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