



Ordering data: **1LE1002-1AB42-2FA4-Z**
B16

Motor type: **1AV1104B**

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	Δ/Y	f [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			I_A/I_N I/I_N	M_A/M_N T/T_N	M_k/M_N T_B/T_N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	2.20	- / -	8.60	1425	15.0										
400	Y	50	2.20	- / -	4.90	1425	15.0										
460	Y	60	2.54	- / -	4.70	1720	14.0										
460	Y	60	2.20	- / -	0.00												
IM B5 / IM 3001			FS 100 L		18 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

These values are calculated. The final rating plate data will be calculated when the order is placed
The efficiency values and efficiency class according to EuP directive are valid for standard power ratings under standard conditions.

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	60 dB(A) 62 dB(A)	Terminal box position	top
Moment of inertia	0.0059 kg m ²	Material of terminal box	Aluminium
Bearing DE NDE	6206 2ZC3 6206 2ZC3	Type of terminal box	TB1 F00
Bearing lifetime	40000 h	Contact screw thread	M4
Lubricants	Esso Unirex N3	Max. cross-sectional area	4.0 mm ²
Regreasing device	No	Cable diameter from ... to ...	11.0 mm - 21.0 mm
Grease nipple	- / -	Cable entry	2xM32x1,5
Type of bearing	Preloaded bearing DE	Cable gland	2 plugs
Condensate drainage holes	No	<div style="border: 1px solid black; padding: 5px; text-align: center;"> Special design B16 Motor for intermittent duty S6 60% </div>	
External earthing terminal	No		
Vibration class	A		
Insulation	155(F) to 130(B)		
Duty type	S1		
Direction of rotation	bidirectional		
Frame material	aluminum		
Data of anti condensation heating	- / -		
Coating	Standard paint finish C2		
Color	RAL7030		
Motor protection	(A) without (Standard)		
Method of cooling	IC411 - self ventilated, surface cooled		

Environmental conditions	
Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m