



**Ordering data:** 1LE1002-1BB63-4AA4

**Motor type:** 1AV1116B

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	$\Delta$ / 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				
400	$\Delta$	50	5.50	- / -	11.60	1420	37.0	84.7	86.5	86.4	0.81	0.73	0.60	5.8	3.0	3.1	IE1
690	Y	50	5.50	- / -	6.80	1420	37.0	84.7	86.5	86.4	0.81	0.73	0.60	5.8	3.0	3.1	IE1
460	$\Delta$	60	6.30	- / -	11.10	1720	35.0	87.0	87.0	86.0	0.82	0.77	0.67	6.3	3.0	3.2	IE1

IM B3 / IM 1001		FS 112 M	33 kg	IP55	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
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### Mechanical data

Sound pressure level 50 Hz/60Hz (load)	58 db(A)	62 db(A)
Moment of inertia	0.012 kg m <sup>2</sup>	
Bearing DE   NDE	6206 2ZC3	6206 2ZC3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Preloaded bearing NDE	
Condensate drainage holes	No	
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	Special paint finish	
Color	RAL7030	
Motor protection	(A) without (Standard)	
Method of cooling	IC411 - self ventilated, surface cooled	

### Terminal box

Terminal box position	top
Material of terminal box	Aluminium
Type of terminal box	TB1 F00
Contact screw thread	M4
Max. cross-sectional area	4.0 mm <sup>2</sup>
Cable diameter from ... to ...	11.0 mm - 21.0 mm
Cable entry	2xM32x1,5
Cable gland	2 plugs

### Special design

### Environmental conditions

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

### Explosion protection

Type of protection	- / -
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