



MLFB-Ordering data: 1LE1002-1DA43-4AA4

Motor type: 1AV1164A

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	$\Delta$ /Y	f [Hz]	P		I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			$I_A/I_N$	$M_A/M_N$	$M_V/M_N$	IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4	$I_A/I_N$	$T_A/T_N$	$T_V/T_N$	
400	$\Delta$	50	18.50	- / -	34.50	2935	60.0	89.3	89.7	88.5	0.87	0.83	0.74	7.6	2.7	3.4	IE1
690	Y	50	18.50	- / -	20.00	2935	60.0	89.3	89.7	88.5	0.87	0.83	0.74	7.6	2.7	3.4	IE1
460	$\Delta$	60	21.30	- / -	34.50	3530	58.0	89.5	89.5	88.3	0.88	0.85	0.77	7.8	2.7	3.4	IE1

IM B3 / IM 1001		FS 160 L	78 kg	IP55	CC032A	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
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Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	70 dB(A)   77 dB(A)	Terminal box position	top
Moment of inertia	0.044 kg m <sup>2</sup>	Material of terminal box	Aluminium
Bearing DE   NDE	6209 2Z C3   6209 2Z C3	Type of terminal box	TB1 J00
Bearing lifetime	40000 h	Contact screw thread	M5
Lubricants	Esso Unirex N3	Max. cross-sectional area	16.0 mm <sup>2</sup>
Regreasing device	No	Cable diameter from ... to ...	19.0 mm - 28.0 mm
Grease nipple	- / -	Cable entry	2xM40x1,5
Type of bearing	Locating bearing NDE	Cable gland	2 plugs
Condensate drainage holes	No	Special design (0)	
External earthing terminal			
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 (paint finish)	Standard paint finish C2		
Color, paint shade	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		

