



MLFB-Ordering data: **1LE1503-1AB52-2FA4-Z  
F74**

Motor type: **1CV3105B**

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			$I_A/I_N$	$M_A/M_N$	$M_k/M_N$	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4	$I_A/I_N$	$T_f/T_N$	$T_B/T_N$	
230	Δ	50	3.00	- / -	10.40	1460	20.0	87.7	88.4	88.2	0.83	0.78	0.69	7.3	2.3	3.7	IE3
400	Y	50	3.00	- / -	5.90	1460	20.0	87.7	88.4	88.2	0.83	0.78	0.69	7.3	2.3	3.7	IE3
460	Y	60	3.45	- / -	5.80	1760	19.0	89.5	90.1	89.4	0.84	0.79	0.68	7.6	2.2	3.8	IE3
460	Y	60	3.00	- / -	5.20	1765	16.0	89.5	89.6	88.9	0.81	0.76	0.68	8.6	2.6	4.3	IE3
IM B5 / IM 3001		FS 100 L		40 kg	IP55	IEC/EN 60034		IEC, DIN, ISO, VDE, EN									

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	60 dB(A)   62 dB(A)	Terminal box position	top
Moment of inertia	0.014 kg m <sup>2</sup>	Material of terminal box	cast iron
Bearing DE   NDE	6206 2Z C3   6206 2Z C3	Type of terminal box	TB1 F01
Bearing lifetime	40000 h	Contact screw thread	M4
Lubricants	Esso Unirex N3	Max. cross-sectional area	4.0 mm <sup>2</sup>
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	Yes (standard)	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>Special design (1)</b>                      F74 Sheet steel fan cowl                 </div>	
External earthing terminal			
Vibration severity grade	A		
Insulation	155(F) to 130(B)		
Duty type	S1		
Direction of rotation	bidirectional		
Frame material	cast iron		
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

