



MLFB-Ordering data: **1LE7503-0CB32-3FA4-Z**
F07+F14+F50+H23+R50

Frame size: **71M**

Client order no.:

Order no.:

Offer no.:

Remarks:

Item no.:

Consignment no.:

Project:

U [V]±10%	Δ/Y	f [Hz]±5%	P [kW]	I [A]	n [1/min]	M [kgf.m]	M [Nm]	NOM. EFF at ... load [%] *			Power factor at ... load *			I _A /I _N	M _A /M _N	M _L /M _N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4	I _L /I _N	T _L /T _N	T _B /T _N	
415	Y	50	0.37	0.98	1395	0.3	2.5	78.0	78.0	75.0	0.67	0.56	0.43	4.5	3.0	2.7	IE3

Data subject to tolerance as per IS 12615 / IEC 60034-1

Environmental conditions : -20 °C to +50 °C / 1000.0 m

SF: 1.00

*sinusoidal feed

locked rotor withstand time (hot / cold) : 16.0 s / 22.0 s

Mechanical data				Terminal box		
Sound pressure level 50Hz 60Hz		67 dB(A)	70 dB(A)	Terminal box position		Top
Type of construction		IM B5 / IM 3001		Material of terminal box		Aluminium
Bearing DE NDE		6202 2ZC3	6202 2ZC3	Type of terminal box		TB1 E14
Type of bearing		Locating (fixed) bearing, NDE		Contact screw thread		M4
Lubricants		Esso Unirex N3		Max. cross-sectional area		6.0 mm²
Regreasing device		- / -		Cable diameter from ... to ...		4.5 mm - 10.0 mm
Grease nipple		- / -		Cable entry		1xM16x1,5+1xM25x1,5+1xM20x1,5
Bearing lifetime		50000 h		Cable gland		2 Plugs
Degree of protection		IP55		Special design		
External earthing terminal		Yes (standard)				
Vibration severity grade		A (Standard)				
Insulation		155(F) utilized to 130(B)				
Duty type		S1				
Direction of rotation		Bidirectional		F07 Mounting a brake		
Frame material		Cast iron		F14 Brake supply voltage 415 V AC, 50/60 Hz		
Data of anti condensation heating		-/-		F50 Mechanical manual brake release with lever (cannot be locked)		
Coating (paint finish)		Standard paint finish		H23 Radial sealing ring at the DE for flange types of construction, oil-tight up to 0.1 bar		
Color, paint shade		RAL7030		R50 Larger terminal box		
Motor protection		(A) without				
Method of cooling		IC411 - Self ventilated, surface cooled				
Forced ventilation motor details		- / -				
Weight in kg, without optional accessories		13 kg				
Rotor weight in kg		1,8 kg				
Moment of inertia	Rotor GD²	0.00082 kg m²	0.00328 kgf.m²			

Notes			
I _A /I _N	= locked rotor current / nominal current	M _L /M _N	= break down torque / nominal torque
M _A /M _N	= locked rotor torque / nominal torque		