



MLFB-Ordering data: 1LE7501-2CB23-5FA4

Frame size: 250M

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 _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	
415	Δ	50	55.00	101.00	1485	36.0	354.0	93.5	93.5	93.0	0.81	0.74	0.62	7.0	3.0	3.5	IE2

Data subject to tolerance as per IS 12615 / IEC 60034-1	SF: 1.00	*sinusoidal feed
Environmental conditions : -20 °C to +50 °C / 1000.0 m	locked rotor withstand time (hot / cold) : 10.0 s / 19.0 s	

Mechanical data			Terminal box	
Sound pressure level 50Hz 60Hz	70 dB(A)	73 dB(A)	Terminal box position	Top
Type of construction	IM B5 / IM 3001		Material of terminal box	Cast iron
Bearing DE NDE	6315 C3	6315 C3	Type of terminal box	TB1 N01
Type of bearing	Locating (fixed) bearing, NDE		Contact screw thread	M10
Lubricants	Esso Unirex N3		Max. cross-sectional area	120.0 mm²
Regreasing device	Yes (standard)		Cable diameter from ... to ...	34.0 mm - 42.0 mm
Grease nipple	M10x1 DIN 3404 A		Cable entry	2xM63x1,5
Relubrication interval/quantity (AS BS)	25 g 25 g 8000 h		Cable gland	2 Plugs
Degree of protection	IP55			
External earthing terminal	Yes (standard)			
Vibration severity grade	A (Standard)			
Insulation	155(F) utilized 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			
Color, paint shade	RAL7030			
Motor protection	(A) without			
Method of cooling	IC411 - Self ventilated, surface cooled			
Forced ventilation motor details	- / -			
Weight in kg, without optional accessories	396 kg			
Rotor weight in kg	118 kg			
Moment of inertia	Rotor GD²	0.81358 kg m²	3.25432 kgf.m²	

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