



MLFB-Ordering data: 1LE7501-1CC33-5FA4

Frame size: 132M

Client order no.:

Order no.:

Offer no.:

Remarks:

| U [V]±10% | Δ/Y [Hz]±5% | 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 I/I _N | M _A /M _N T _I /T _N | M _K /M _N T _B /T _N | IE-CL |
|--------------|----------------|--------------|-----------|----------|--------------|--------------|-----------|----------------------------|------|------|----------------------------|------|------|--|--|--|-------|
| | | | | | | | | 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 | | | | |
| 415 | Δ | 50 | 5.50 | 13.00 | 965 | 6.0 | 54.0 | 86.5 | 86.3 | 84.0 | 0.70 | 0.59 | 0.45 | 6.0 | 2.6 | 2.8 | IE2 |
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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) : 15.0 s / 22.0 s

| Mechanical data | | Terminal box | |
|--|---|---------------------------|--------------------------------|
| Sound pressure level 50Hz 60Hz | 64 dB(A) | 67 dB(A) | Terminal box position |
| Type of construction | IM B5 / IM 3001 | | Material of terminal box |
| Bearing DE NDE | 6208 2ZC3 | 6208 2ZC3 | Type of terminal box |
| Type of bearing | Locating (fixed) bearing, NDE | | Contact screw thread |
| Lubricants | Esso Unirex N3 | | Max. cross-sectional area |
| Regreasing device | - / - | | Cable diameter from ... to ... |
| Grease nipple | - / - | | Cable entry |
| Bearing lifetime | 50000 h | | Cable gland |
| Degree of protection | IP55 | | 2 Plugs |
| 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 | 73 kg | | |
| Rotor weight in kg | 17,0 kg | | |
| Moment of inertia | Rotor GD ² | 0.02913 kg m ² | 0.11652 kgf.m ² |

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