



Frame size: **200L**

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 I _L /I _N | M _A /M _N T _r /T _N | M _L /M _N T _B /T _N | IE-CL |
|---|-----|--------------|-----------|----------|--------------|--------------|-----------|---|------|------|----------------------------|------|------|--|--|--|-------|
| | | | | | | | | 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 | | | | |
| 415 | Δ | 50 | 37.00 | 64.00 | 2950 | 12.0 | 120.0 | 92.6 | 92.6 | 92.2 | 0.87 | 0.84 | 0.76 | 7.0 | 2.5 | 3.2 | 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) : 9.0 s / 26.0 s | | | | | | | | | |

| Mechanical data | | | | Terminal box | |
|--|---|---------------------------|---------------------------|--------------------------------|----------------------|
| Sound pressure level 50Hz 60Hz | 79 dB(A) | 84 dB(A) | | Terminal box position | Top |
| Type of construction | IM B3 / IM 1001 | | | Material of terminal box | Cast iron |
| Bearing DE NDE | 6312 C3 | 6312 C3 | | Type of terminal box | TB1 L01 |
| Type of bearing | Locating (fixed) bearing, NDE | | | Contact screw thread | M6 |
| Lubricants | Esso Unirex N3 | | | Max. cross-sectional area | 35.0 mm ² |
| Regreasing device | Yes (standard) | | | Cable diameter from ... to ... | 27.0 mm - 35.0 mm |
| Grease nipple | M10x1 DIN 3404 A | | | Cable entry | 2xM50x1,5 |
| Relubrication interval/quantity (AS BS) | 10 g 10 g | 4000 h | | Cable gland | 2 Plugs |
| Degree of protection | IP55 | | | | |
| External earthing terminal | Yes (standard) | | | | |
| Vibration severity grade | A (Standard) | | | | |
| Insulation | 155(F) utilized to 155(F) | | | | |
| 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 | 230 kg | | | | |
| Rotor weight in kg | 49,1 kg | | | | |
| Moment of inertia | Rotor GD ² | 0.14655 kg m ² | 0.5862 kgf.m ² | | |

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