



MLFB-Ordering data: **1LE1503-1DB43-4JB4**

Motor type: **1CV3164B**

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

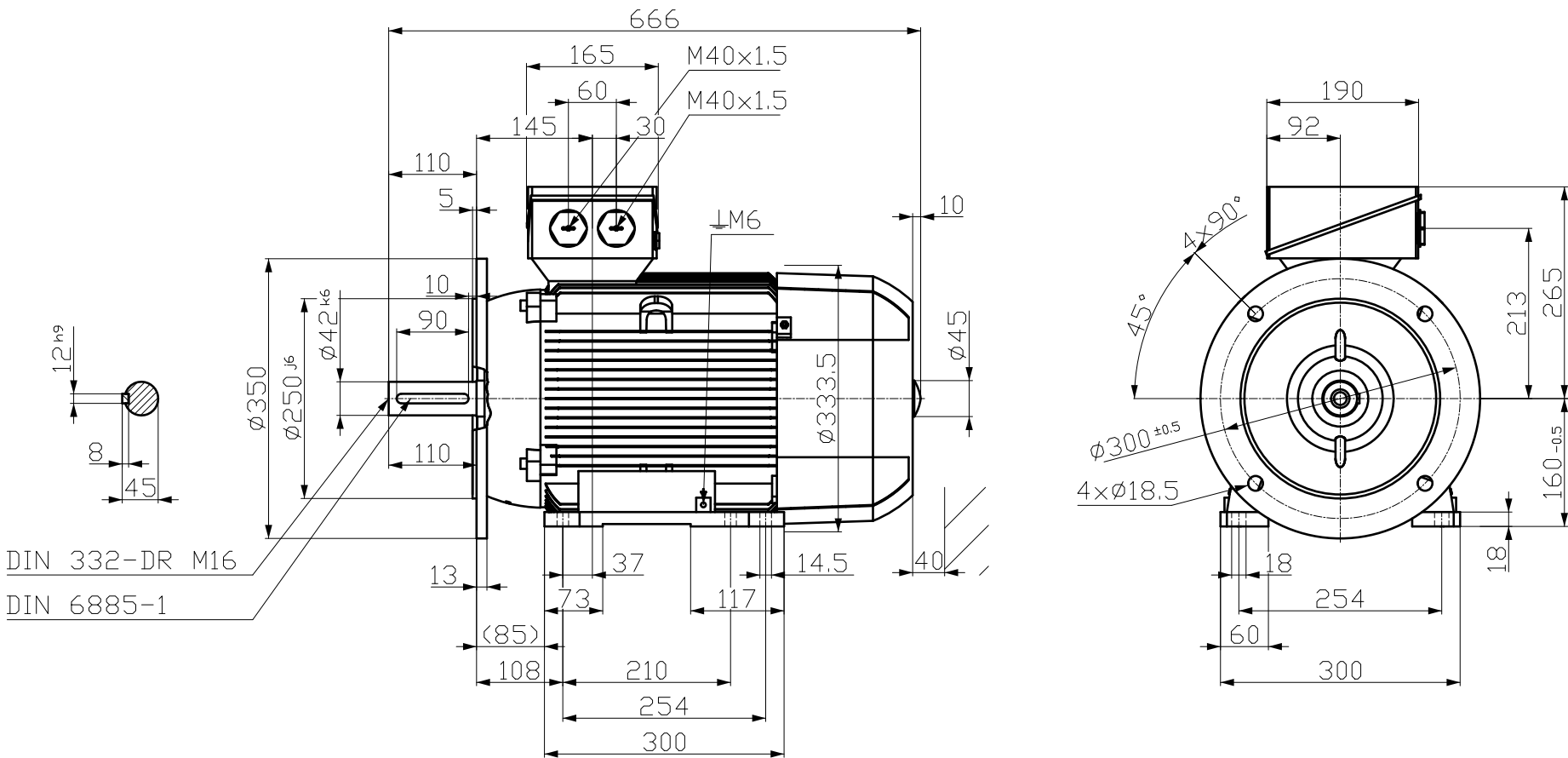
Remarks:

| 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 I/I _N | M _A /M _N T _f /T _N | M _k /M _N T _B /T _N | IE-CL |
|------------------|-----|-----------|-----------|-----------|----------|--------------|--------------|--------------------------|------|------|--------------------------|------|------|--|--|--|-------|
| | | | | | | | | 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 | | | | |
| 400 | Δ | 50 | 15.00 | - / - | 28.50 | 1475 | 97.0 | 92.1 | 92.3 | 91.5 | 0.82 | 0.76 | 0.65 | 8.5 | 2.5 | 3.8 | IE3 |
| 690 | Y | 50 | 15.00 | - / - | 16.70 | 1475 | 97.0 | 92.1 | 92.3 | 91.5 | 0.82 | 0.76 | 0.65 | 8.5 | 2.5 | 3.8 | IE3 |
| 460 | Δ | 60 | 17.30 | - / - | 28.00 | 1775 | 93.0 | 93.6 | 93.7 | 92.9 | 0.83 | 0.78 | 0.68 | 8.5 | 2.5 | 3.7 | IE3 |
| 460 | Δ | 60 | 15.00 | - / - | 25.00 | 1780 | 80.0 | 93.0 | 92.8 | 91.4 | 0.81 | 0.75 | 0.64 | 9.5 | 2.9 | 4.3 | IE3 |
| IM B35 / IM 2001 | | FS 160 L | | 127 kg | IP55 | CC032A | IEC/EN 60034 | IEC, DIN, ISO, VDE, EN | | | | | | | | | |

| Mechanical data | | | Terminal box | |
|---------------------------------------|--|------------|--------------------------------|----------------------|
| Sound pressure level 50Hz/60Hz (load) | 65 dB(A) | 69 dB(A) | Terminal box position | top |
| Moment of inertia | 0.085 kg m ² | | Material of terminal box | cast iron |
| Bearing DE NDE | 6209 2Z C3 | 6209 2Z C3 | Type of terminal box | TB1 J01 |
| Bearing lifetime | 40000 h | | Contact screw thread | M5 |
| Lubricants | Esso Unirex N3 | | Max. cross-sectional area | 16.0 mm ² |
| Regreasing device | No | | Cable diameter from ... to ... | 19.0 mm - 28.0 mm |
| Grease nipple | - / - | | Cable entry | 2xM40x1,5-1xM16x1,5 |
| Type of bearing | Locating bearing NDE | | Cable gland | 3 plugs |
| Condensate drainage holes | Yes (standard) | | Special design (0) | |
| External earthing terminal | | | | |
| Vibration class | 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 | (B) 3 PTC thermistors - for tripping (2 terminals) | | | |
| Method of cooling | IC411 - self ventilated, surface cooled | | | |

| Environmental conditions | |
|--------------------------|-----------------|
| Ambient temperature | -20 °C - +40 °C |
| Altitude above sea level | 1000 m |

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| Tolerance | Surface | Material | Weight | Scale |
|-----------|--------------|----------|--------|-------|
| F50/F1 | Author | Material | È | { } |
| È | Creator | Material | | |
| | Approval | Material | | |
| | Department | Material | | |
| | Change Order | MFB | | |
| | Doc. State | F50/F1 | | |
| | Revision | Index | | |
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| | 1st Language | | | |
| | 2nd Language | | | |
| | Sheet | F of F | | |

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