

Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE4



L (standard motor)

1345

L (motor w/brake)

NA

L (motor w/forced ventilation)

1525

L (motor without ventilation)

1170

| Feet |     |     |     |    | Shaft |     |    |    |    |        | Carcass |     |     |     | Flange |   |   |   |   |
|------|-----|-----|-----|----|-------|-----|----|----|----|--------|---------|-----|-----|-----|--------|---|---|---|---|
| H    | A   | B   | C   | K  | D     | E   | F  | G  | GA | X      | AB      | BB  | AC  | HD  | M      | N | P | S | T |
| 315  | 508 | 508 | 216 | 28 | 80m6  | 170 | 22 | 71 | 85 | M20x42 | 635     | 680 | 620 | 845 | -      | - | - | - | - |

### Electrical Data

|                 |              |
|-----------------|--------------|
| Type            | UM4C 315L2-4 |
| Poles           | 4/1500 Poles |
| Power           | 200.00 Kw    |
| Voltage         | 400 V        |
| Frequency       | 50 Hz        |
| Speed           | 1485 rpm     |
| Nominal current | 331.71 A     |
| Power factor    | 0.90         |
| Efficiency 100% | 96.7 %       |
| Efficiency 75%  | 96.6 %       |
| Efficiency 50%  | 95.7 %       |
| Torque          | 1286.1 N.m   |
| Ta/Tn           | 1.8          |
| Ia/In           | 8.5          |
| Tm/Tn           | 2.2          |

### Mechanical Data

|                       |            |
|-----------------------|------------|
| Shaft height          | 315        |
| Construction form     | B3         |
| Mechanical protection | 55         |
| Heating class         | B          |
| Insulation class      | F          |
| Service               | S1         |
| Ambient temp.         | -10°C-40°C |
| Altitude              | 1000       |
| Noise                 | 88 dB(A)   |
| Weight                | 1218 kg    |
| Bearing DE            | NU 319     |
| Bearing NDE           | 6319 C3    |

### Extra Data

#### Applicable brakes

|          |    |              |    |     |
|----------|----|--------------|----|-----|
| DC brake | NA | Brake torque | NA | N.m |
| AC brake | NA | Brake torque | NA | N.m |

#### Applicable forced ventilations

|                                 |       |     |   |
|---------------------------------|-------|-----|---|
| Single-phase forced ventilation | Power | NA  | W |
| Three-phase forced ventilation  | Power | 450 | W |

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