



Ordering data **1LE1001-1BA23-4AA4**

Client-order-no. / :
Order-no. / :
Offer-no. / :
Remarks / :

Item-no. / :
Consignment-no. / :
Project / :

Electrical data / :

| | | | | | | |
|---------------------------------|-----------------------------------|-------|------------|-------|-------|-------|
| Rated motor voltage | (34) 400VD/690VY 50Hz, 460VD 60Hz | | | | | |
| Frequency | 50 Hz | | 60 Hz | | | |
| Rated motor power | 4,00 kW | | 4,55 kW | | | |
| Rated motor speed | 2950 1/min | | 3550 1/min | | | |
| Rated motor torque | 13,0 Nm | | 12,0 Nm | | | |
| Rated motor current (IE) : | VD | VY | VD | | | |
| | 7,8 A | 4,5 A | 7,5 A | | | |
| Starting- / rated motor current | 7,4 | | 7,8 | | | |
| Breakdown / rated motor torque | 3,3 | | 3,3 | | | |
| Starting- / rated motor torque | 2,4 | | 2,4 | | | |
| Efficiency class | IE2 | | | IE2 | | |
| | 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 |
| Efficiency (60034-2-1) : | 85,8% | 86,7% | 86,1% | 87,5% | 87,4% | 86,8% |
| Power factor | 0,86 | 0,81 | 0,70 | 0,87 | 0,83 | 0,73 |
| Motor protection : | (A) without (Standard) | | | | | |
| Terminal box position : | (4) terminal box - on top | | | | | |

General data / :

| | |
|--|---------------------------|
| Frame size | 112 M |
| Type of construction | IM B3 |
| Weight in kg, without optional accessories | 27.0 kg |
| Frame material | aluminum |
| Degree of protection | IP55 |
| Method of cooling, TEFC | IC 411 |
| Vibration class | A (Standard) |
| Insulation | 155(F) to 130(B) |
| Duty type | S1 = continuous operation |
| Direction of rotation | bidirectional |

Terminal box / :

| | |
|---------------------------------|---------------------|
| Material of terminal box | Aluminum |
| Type | TB1 F00 |
| Terminal screw thread | M4 |
| Max. cable cross-sectional area | 4.0 mm ² |
| Cable diameter from ... to ... | 11.0 mm - 21.0 mm |
| Cable entry | 2xM32x1,5 |
| Cable gland | 2 plugs |

Mechanical data / :

| | | |
|------------------------|---------------------------------------|------------|
| Noise 50 Hz/60Hz | 69.0 dB(A) | 73.0 dB(A) |
| Moment of inertia | 0,0092 kg m ² | |
| Bearing AS BS | 6206 2ZC3 | 6206 2ZC3 |
| Locating bearing | pre-stressed Bearing NDE | |
| Drain holes | No | |
| Regreasing device | No | |
| Type of lubrication | Esso Unirex N3 | |
| Relubrication interval | 40000 h | - g |
| External earthing | No | |
| Coating | Special finish in RAL 7030 stone gray | |

Explosion protection / :

| | |
|--------------------|--------------------|
| Type of protection | without (Standard) |
|--------------------|--------------------|

Site conditions / :

| | |
|------------------------------|------------------------|
| Ambient temperature | -20.0 °C - +40 °C |
| Altitude above sea level | 1000 m |
| Standards and specifications | IEC, DIN, ISO, VDE, EN |

Special configurations / :