

GENERAL

| | | | |
|----------------------|-------------|-----------------------|-------------------|
| Frame size: | : 90L-2 | Method of cooling | : Self-ventilated |
| Type of construction | : B5 | Vibration | : A (standard) |
| Frame material | : Cast iron | Insulation | : Class F |
| Fan cover material | : Metal | Duty type | : S1 |
| Degree of protection | : IP 66 | Direction of rotation | : Bidirectional |

ELECTRICAL DATA

| | | | |
|---------------------|-------------|-----------------------|-----------------------|
| Rated motor voltage | : 220/380 V | Ist/In | : 8.1 P.U |
| Frequency | : 50 Hz | Tst/Tn | : 2.2 P.U |
| Rated motor power | : 3 Kw | Tmax/Tn | : 2.3 P.U |
| Rated motor speed | : 2880 Rpm | Efficiency class | : IE3 |
| Number of poles | : 2 | Efficiency 100% load | : 87.1% |
| Full load current | : 6.02 Amps | Power protection | : Without |
| Rated motor torque | : 9.9 Nm | Terminal box position | : Terminal box on top |

TERMINAL BOX

| | | | |
|--------------------------|-------------|-------------|-------|
| Material of terminal box | : Cast iron | Cable gland | : Yes |
|--------------------------|-------------|-------------|-------|

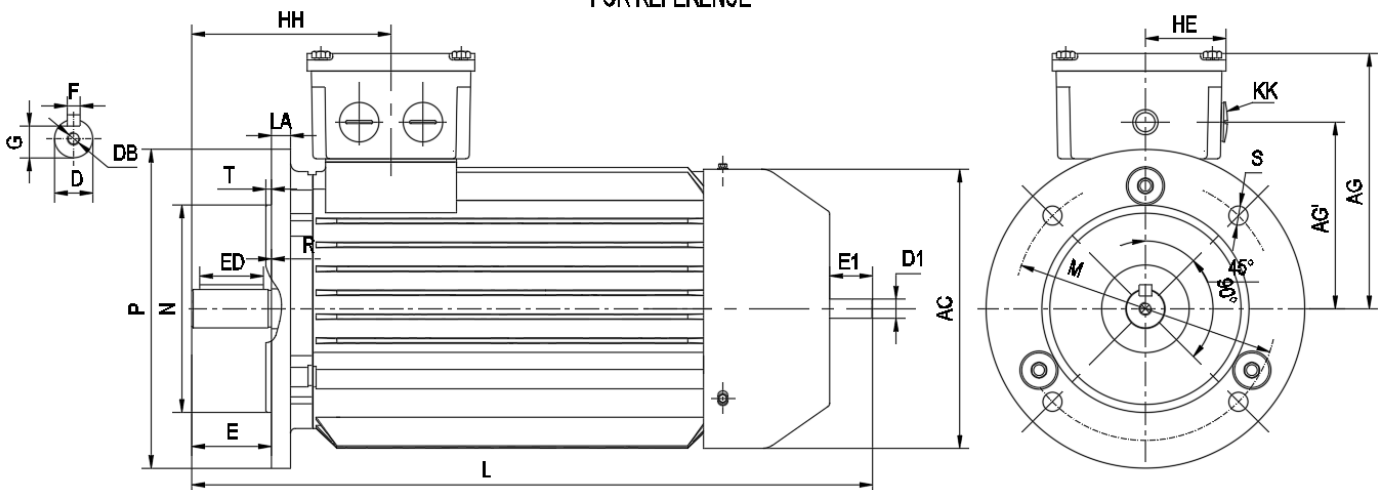
MECHANICAL DATA

| | |
|-------------------------------------|--|
| Noise (LwA) : 74 dB (A) | Relubrication interval at 40°C |
| Ambient temperature : -10°C ~ +50°C | Painting specification colour : 6.5PB3.6/8.2 |
| Altitude above sea level : 1000m | |
| Standards and specifications : IEC | |

OUTLINE DIMENSIONS

Units:mm

FOR REFERENCE



FLANGE MOUNTED MOTORS

| AC | AG | AG' | HH | HE | KK | L | LA | M | N | P | R | S | T | D1 | E1 |
|-----|-----|-----|-----|------|---------|-----|----|-----|-----|-----|-------|----|-----|----|------|
| 178 | 160 | 117 | 125 | 50.5 | M20x1.5 | 420 | 12 | 165 | 130 | 200 | 0±1.5 | 12 | 3.5 | 12 | 18.3 |

SHAFT EXT.DE ONLY

| D | DB | E | ED | F | G |
|----|-------|----|----|---|----|
| 24 | M8X19 | 50 | 40 | 8 | 20 |