# DATA SHEET

## Three Phase Induction Motor - Squirrel Cage

Customer :

| | | | |
|---|---|---|---|
| Product line | : Rolled Steel Premium Efficiency Three-Phase | Product code : | 17282075 |

| | | | |
|---|---|---|---|
| Frame | : W56C | Locked rotor time | : 45s (cold) 25s (hot) |
| Output | : 0.33 HP (0.25 kW) | Temperature rise | : 80 K |
| Frequency | : 60 Hz | Duty cycle | : Cont.(S1) |
| Rated voltage | : 208-230/460 V | Ambient temperature | : -20°C to +40°C |
| Poles | : 2 | Altitude | : 1000 m.a.s.l. |
| Rated current | : 1.32-1.20/0.598 A | Cooling method | : IC01 - ODP |
| | : 5.9x(Code K) | Mounting | : F-1 |
| Rated speed | : 3450 rpm | Rotation[1] | : Both (CW and CCW) |
| Rated torque | : 0.069 kgfm | Noise level[2] | : 62.0 dB(A) |
| Insulation class | : F | Starting method | : Direct On Line |
| Service factor | : 1.35 | Approx. weight[3] | : 6.3 kg |
| Moment of inertia (J) | : 0.0005 kgm² | | |

| Output | 50% | 75% | 100% |
|---|---|---|---|
| Efficiency (%) | 59.5 | 68.0 | 70.0 |
| Power Factor | 0.53 | 0.66 | 0.75 |

Foundation loads

| | |
|---|---|
| Max. traction | : 3 kgf |
| Max. compression | : 10 kgf |

| | | Drive end | Non drive end |
|---|---|---|---|
| Bearing type | : | 6203 ZZ | 6202 ZZ |
| Sealing | : | Without Bearing Seal | Without Bearing Seal |
| Lubrication interval | : | - | - |
| Lubricant amount | : | - | - |
| Lubricant type | : | Mobil Polyrex EM | |

Notes
USABLE @208V SF 1.00

This revision replaces and cancel the previous one, which must be eliminated.
(1) Looking the motor from the shaft end.
(2) Measured at 1m and with tolerance of +3dB(A).
(3) Approximate weight subject to changes after manufacturing process.
(4) At 100% of full load.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

| Rev. | Changes Summary | Performed | Checked | Date |
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| | | | | |

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| Checked by | | | Page | Revision |
| Date | 22/05/2026 | | 1 / 2 | |

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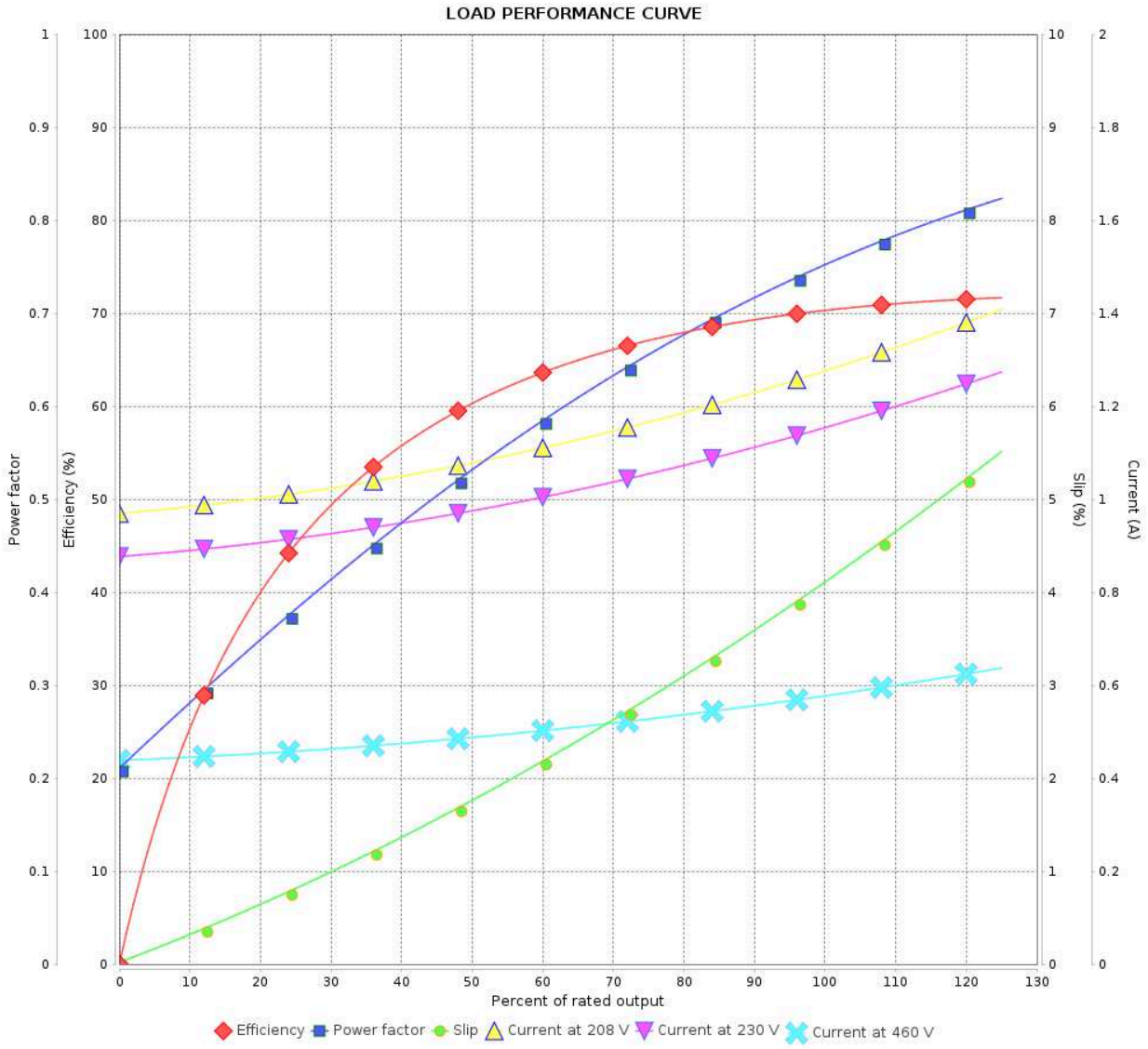
# LOAD PERFORMANCE CURVE

## Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : Rolled Steel Premium Efficiency Three-Phase

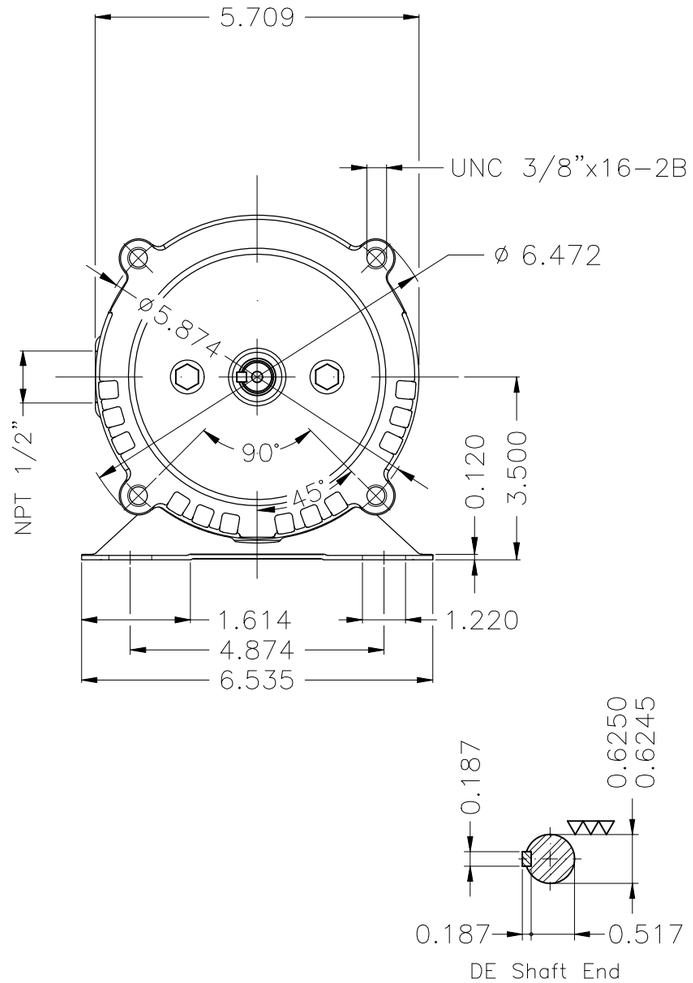
Product code : 17282075

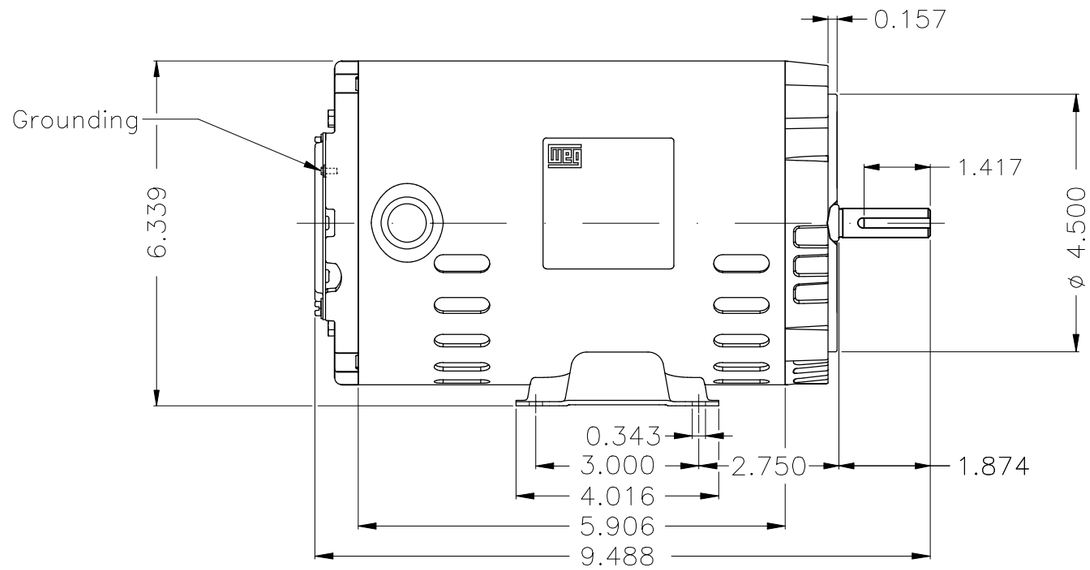



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Without coating

Mounting B34D

| ECM | LOC | SUMMARY OF MODIFICATIONS | EXECUTED | CHECKED | RELEASED | DATE | VER |
|---|---|---|---|---|---|---|---|
| | | | HYBRISUSER | | | | 00 |

| | | | | | |
|---|---|---|---|---|---|
| EXECUTED | HYBRISUSER | THREE PH. MOTOR ROLLED STEEL PREM. EFF. | PREVIEW | | |
| CHECKED | | FRAME W56C IP21 ODP | WDD | 00 | |
| RELEASED | | | | | |
| REL. DATE | | WMO Jaragua do Sul Product Engineering | SHEET | 1 / 1 | |

0.33 HP 02 Poles 60 Hz

A

Dimensions in inches

XME A3

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