

PRODUCT INFORMATION PACKET



Model No: E205M2
Catalog No: E205M2
7.5 HP General Purpose Motor, 3 phase, 3600 RPM, 230/460 V, 184T Frame, ODP
General Purpose Motors



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Nameplate Specifications



| | | | |
|--------------------|------------|---------------------|------------|
| Output HP | 7.5 Hp | Output KW | 5.6 kW |
| Frequency | 60 Hz | Voltage | 230/460 V |
| Current | 17.8/8.9 A | Speed | 3490 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Duty | Continuous | Insulation Class | F |
| Frame | 184T | Enclosure | Drip Proof |
| Thermal Protection | No | Ambient Temperature | 40 °C |
| UL | Recognized | CSA | Y |
| CE | Y | Number of Speeds | 1 |

Technical Specifications

| | | | |
|-----------------------|------------|-------------------|-----------------|
| Electrical Type | Polyphase | Starting Method | Across The Line |
| Poles | 2 | Rotation | Reversible |
| Mounting | Rigid Base | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | Keyed | Overall Length | 14.69 in |
| Frame Length | 10.50 in | Shaft Diameter | 1.125 in |
| Shaft Extension | 2.81 in | | |
| Connection Drawing | 80022802 | Outline Drawing | E205M2-S01 |

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|--|--|---------------------------|--------------------|---|---------------------|------------------------|---------------------|--|---|
| DRAWING REVISION B | | REVISION BY A.ARREOLA | DATE 04-08-2014 | TOLERANCES UNLESS OTHERWISE SPECIFIED | | DRAWN BY: A.ARREOLA | |  Regal Beloit America, Inc. | |
| ECO 0044929 | | APPROVED BY S.SAMPELLI | DATE 04-08-2014 | DEC. | INCH | mm | ANGLE | DATE: 10-05-2012 | DESCRIPTION MODEL-IHP OUTLINE |
| ECO DESCRIPTION SEE ECO | | | | .X | ±0.1 | ±(±2.5) | ±0.5° | APPROVED BY: D.JAMORA | |
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| | | | | mm | INCH | mm | 3/2 | REFERENCE 035675CY | |
| | | | | mm | INCH | mm | 3/2 | THIRD ANGLE PROJECTION | SIZE DWG NO C E205M2 |
| | | | | mm | INCH | mm | 3/2 |  | SHEET 1 |