

PRODUCT INFORMATION PACKET



Model No: CFR42

Catalog No: CFR42

75 HP General Purpose Motor, 3 phase, 1200 RPM, 208-230/460 V, 405TC Frame, TEFC
General Purpose Motors



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Nameplate Specifications

| | | | |
|--------------------|------------|---------------------|-----------------------------|
| Output HP | 75 Hp | Output KW | 56.0 kW |
| Frequency | 60 Hz | Voltage | 208-230/460 V |
| Current | 89 A | Speed | 1188 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Duty | Continuous | Insulation Class | F |
| Frame | 405TC | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | None | 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 | 6 | Rotation | Reversible |
| Mounting | Rigid Base | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Cast Iron |
| Shaft Type | Keyed | Overall Length | 42.76 in |
| Frame Length | 21.65 in | Shaft Diameter | 2.875 in |
| Shaft Extension | 7.25 in | | |
| Outline Drawing | SS620306 | Connection Drawing | A-EE7308AA |

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LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

| | | |
|--|-----------------------|--------------------|
| DRAWING REVISION K | REVISION BY AJW | DATE 07-17-2015 |
| ECO ECO-0081632 | APPROVED BY T. VUE | DATE 07-17-2015 |
| ECO DESCRIPTION REV'D IEC MARKINGS PER IEC 60034-8 | | |
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|--------------------|---------------------------|
| DRAWN BY LZ | THIRD ANGLE PROJECTION |
| DATE 01-12-1994 | |
| APPROVED BY GK | |
| DATE 01-14-1994 | |
| REFERENCE | |

| | | |
|--|----------------------------|-----------------|
|  Regal Beloit America, Inc. | | |
| DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-2/1 DELTA-12 LEADS | | |
| MATERIAL | PROCESS/FINISH | |
| SIZE A | DRAWING NUMBER EE7308AA | SHEET 1 OF 1 |