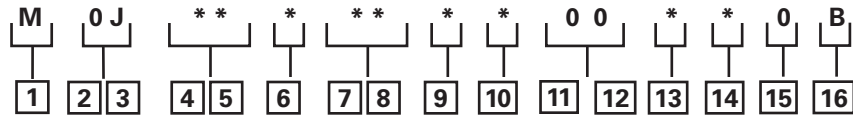


# J Series (129-)

Model Code

The following 16-digit coding system has been developed to identify all of the configuration options for the J motor. Use this model code to specify a motor with the desired features. All 16-digits of the code must be present when ordering. You may want to photocopy the matrix below to ensure that each number is entered in the correct box.



## 1 Product

**M** – Motor

## 2, 3 Series

**0J** – J Series

## 4, 5 Displacement cm<sup>3</sup>/r [in<sup>3</sup>/r]

**05** – 8,2 [ .50]

**08** – 12,9 [ .79]

**12** – 19,8 [1.21]

**19** – 31,6 [1.93]

**30** – 50,0 [3.00]

## 6 Mounting Type

**A** – 5 Bolt: Dia. 31,47 [1.239] x 5,1 [.20] Pilot 1/4-28 UNF 2B Mounting Holes on 45 [1.77] Dia. Bolt Circle

**B** – 5 Bolt: Dia. 31,47 [1.239] x 5,1 [.20] Pilot M6 x 1- 6H Mounting Holes on 45 [1.77] Dia. Bolt Circle

**C** – 2 Bolt: Dia. 62,99 [2.480] x 2,0 [.08] Pilot 10,36[.408] Mounting Holes on 80,0 [3.150] Dia. Bolt Circle

**D** – 2 Bolt: Dia. 62,99 [2.480] x 2,0 [.08] Pilot 9,0 [.354] Mounting Holes on 80,0 [3.150] Dia. Bolt Circle

## 7, 8 Output Shaft

**01** – 5/8 inch Dia. Straight with 4,72 [.186] Square Key and 1/4-28 UNF - 2B Threaded Hole

**02** – 16 mm Dia. Straight with 5,00 [.197] Square Key with M6 x 1 - 6H Threaded Hole

**04** – 11/16 inch Dia. Straight with 4,72 [.186] Square Key and 1/4-28 UNF - 2B Threaded Hole

**05** – 18 mm Dia. Straight with 5,92 [.233] Square Key with M6 x 1 - 6H Threaded Hole

**06** – Involute Splined 9T—Metric 16,50 [.650] Dia. (B17 x 14 DIN 5482) M6 x 1 - 6H Threaded Hole

**07** – 5/8 inch Dia. Straight with 4,75 [.187] Dia. Crosshole

**08** – 3/4 inch Tapered with Woodruff Key and Nut

**09** – 5/8 inch Dia. Straight with 4,72 [.186] Sq. Key with 1/4-28 UNF -2B Threaded Hole (Plated for Corrosion Protection)

**14** – 16 mm Dia. Straight with 5,00 [.197] Sq. Key with M6 x 1- 6H Threaded Hole (Plated for Corrosion Protection)

## 9 Ports

**A** – 9/16 -18 UNF - 2B O-Ring End Ported

**B** – G 1/4 (BSP) End Ported

**C** – M14 x 1,5 - 6H O-Ring Port, End Ported

**D** – 9/16 -18 UNF - 2B O-Ring Side Ported

**E** – G 3/8 (BSP) Side Ported

**F** – G 1/4 (BSP) Side Ported

**H** – G 3/8 (BSP) End Ported

## 10 Case Flow Options

**0** – No Case Drain

**1** – 3/8 -24 UNF - 2B O-Ring

**2** – G 1/8 (BSP)

**3** – M10 x 1 - 6H O-Ring

## 11, 12 Special Features (Hardware)

**00** – None

## 13 Special Features (Assembly)

**0** – None

**1** – Reverse Rotation

## 14 Paint/Special Packaging

**0** – No Paint, Individual Box

**A** – Low Gloss Black Primer, Individual Box

**B** – No Paint, Bulk Box Option

## 15 Eaton Assigned Code when Applicable

**0** – Assigned Code

## 16 Eaton Assigned Design Code

**B** – Assigned Design Code