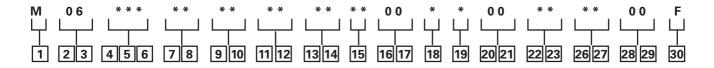
6000 Series

Model Code

The following 30-digit coding system has been developed to identify all of the configuration options for the 6000 Series motor. Use this model code to specify a motor with the desired features. All 30-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 06 – 6000 Series

[4], [5], [6] Displacement cm³/r [in³/r]

120 - 195.8 [11.95]

150 – 246.5 [15.04]

190 - 312.0 [19.04]

239 – 391.7 [23.90]

300 - 491.4 [29.99]

381 - 624.2 [38.09]

450 - 737.4 [45.00]

490 - 803.4 [49.03]

600 - 982.7 [59.97]

7, 8 Mounting Type
AA – Bearingless, 4 Bolt:
127,0 [5.00] Pilot Dia. and
14,35 [.565] Dia. Holes 162,0
[6.38] Dia. Bolt Circle

AB – Standard, 4 Bolt (SAE CC): 127,0 [5.00] Pilot Dia. and 14,35 [.565] Dia. Holes on 162,0 [6.38] Dia. B.C.

AC – Wheel, 4 Bolt 139,7 [5.50] Pilot Dia. and 14,35 [.565] Dia. Holes on 184,2 [7.25] Dia. Bolt Circle

AD – Standard, 4 Bolt, (SAE D): 152,4 [6.00] Pilot Dia. 15.24 [.600] Dia. Holes on 228.6 [9.00] Dia. Bolt Circle (SAE D) with O-Ring Groove to Accept ARP-163 O-Ring AH – Standard, 4 Bolt: 10.0 [6.30] Pilot Dia. 18,01 [.709] Dia. Holes on 200.0 [7.87] Dia. Bolt Circle. AL - Wheel, 4 Bolt: 160.0 [6.30] Pilot Dia. with 5.8 [.23] Pilot Length and 18.00 [.709] Dia. Holes on 200.0 [7.874] Bolt Circle (ISO Compatible)

9, 10 Output Shaft Description

00 - None (Bearingless) 01 - 38,10 [1.50) Dia. Straight Shaft with .375-16 UNC-2B Thread in End, 9,52 [.375] Sq x 41,28 [1.625] Straight Key 02 - 44,45 [1.75] Dia. .125:1 Tapered Shaft per SAE J501 with 1.25-18 UNEF-2A Threaded Shaft End, 11,11 [.4375] Sa. x 31.8 [1.25] Straight Key 03 - 38,10 [1.50] Dia. Flat Root Side Fit, 17 Tooth, 12/24 DP 30 DEG. Involute Spline with .375-16 UNC-2B Thread in end 40,4 [1.59] Minimum **Full Spline Length** 04 - 40,00 [1.575] Dia. Straight Shaft with M12 x 1.75-6H Thread in End, 12W x 8H x 63L [.472W x .313H x 2.480L] Key

12– 49,99 [1.968] Dia. Straight Shaft with M12 x 1.75-6H Thread in End, 14W x 9H x 70L [.550W x .354H x 2.756L] Kev

15 – 60mm Dia. 10:1 Tapered Shaft per ISO R775 with M42 x 3-6H Threaded Shaft End, 16W x 10H x 32L [.630W x .394H x 1.26L] Key

16 – 53,98 [2.125] Dia. Flat Root Side Fit, 16 Tooth, 8/16 DP 30 Deg. Involute Spline with M12 x 1.75-6H Thread in End, 55,9 [2.20] Min Full Spline 11, 12 Port Description

AA – 1,3125-12 UN-2B SAE

O-Ring Ports–Staggered Ports

AB – SAE 19.05 [.750]

Dia. 4-Bolt Split Flange
Staggered Ports

AC – G 1 Staggered Ports

AG – .750-16 UNF-2B SAE

O-ring Ports - Staggered

13, 14 Case Flow
02 – .4375-20 UNF-2B SAE
0-Ring Port With Check Valve
03 – G 1/4 BSP Straight
Thread Port with Check Valve

06 –.5625-18 UNF-2B SAE O-Ring Port with Shuttle Valve 10 – .750-16 UNF-2B SAE O-ring Ports, External Lubrication Circuit Requires Case Drain must be Connected, .063 Shuttle Flow Orifice

15 Low Pressure Relief 0 – None

u – None

A – Set at 4.5 [65 lbf/in²] B – Set at 15.2 [220 lbf/in²]

16, 17 Pressure/Flow Option

00 - None

18 Geroler Option

0 - Standard

2 - Tight Fitting

19 Seal Option

0 – Standard

00 - Standard Seals

02 - Seal Guard

03 - Viton Seals

04 - Viton Shaft Seal

11 – High pressure shaft seal, slinger seal

19 – Extreme duty seal guard

20, 21 Accessories

00 - None

22, 23 Special Features (Hardware)

00 - None

01 - Non-Masked Nameplate

02 – Non-Masked Nameplate, Low Noise Valve Plate 03 – Low Noise Valve Plate

24, 25 Special Features (Assembly)

00 - None

AA – Reverse Rotation

26 27 Paint/Packaging

00 – No Paint, Individual Box

AA – Low Gloss Black Primer

AD – No Paint, Bulk Box Option

AE – Low Gloss Black Primer, Bulk Box Option

28_, 29 Customer ID 00 – None

30 Design Code F – Sixth

Feature in bold are preferred and allow for shorter lead time