# A.C. Single Phase Capacitor run/Three Phase A.C. Geared Instrument Motors.



Delco offers Single Phase capacitor run & Three Phase Geared Instrument Motors. Totally enclosed face / foot mounted, fan cooled, of wide variety to meet trouble free application for original equipment manufacturers.

## Worm Geared Motor Type DFGR

## **Construction Features**

■ Ball Bearing to motor and Gear Box also ■ Shaft dia (max. 15 mm) & length to suit. ■ Out-put shaft drive clockwise / counter clockwise . ■ Motor-single phase capacitor run / Three phase 50 Hz ■ Motor power 1 / 20 to 1 / 8 h.p. ■ Out-put shaft perpendicular to Motor-Downward/Upward or sideways. ■ Ratio's available-10, 16, 24, 38, 48 ■ Torque max. - 150 kg. cm.

#### Feature

■ Low noise Gear design ■ Compact size with strong output ■ Wide variety available ■ Long life expectancy ■ Many more products to come.

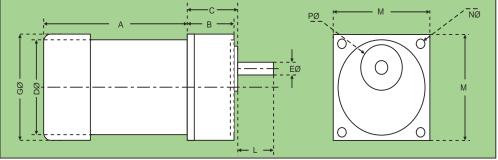
| Engineering data / specification for some of the Standard Motors. |                     |               |        |               |               |          |          |          |  |  |
|---|---------------------|---------------|--------|---------------|---------------|----------|----------|----------|--|--|
|   | Туре                | Motor<br>H.P. | Fram e | A<br>ø<br>m m | B<br>ø<br>m m | C<br>m m | D<br>m m | E<br>m m |  |  |
|   | D F G R <b>- 20</b> | 0.05          | 63     | 91            | 104           | 200      | 90       | 40       |  |  |
|   | DFGR-10             | 0.10          | 63     | 91            | 104           | 215      | 90       | 40       |  |  |
|   | D F G R <b>- 8</b>  | 0.125         | 63     | 91            | 104           | 215      | 90       | 40       |  |  |

## **Helical Geared Motor**

Closed Aluminum cast housing. Motor-single phase capacitor run/Three phase & Motor power-1/20 to 1/8 H.P.
For type DFGK Ratio's available - 5.3, 10, 15.5, 19, 24 For type DFGI Ratio's available 25, 28, 35. Torque max.-50 kg. cm. For type DFGK and 40 kg. cm for type DFGI. Available in 56 & 63 Frame size. Out-put shaft drive-Clockwise/Counter clockwise

### **Type DFGK**





| Engineering data / specification for some of the Standard Motors. |             |       |         |         |         |              |              |          |         |         |         |              |
|---|-------------|-------|---------|---------|---------|--------------|--------------|----------|---------|---------|---------|--------------|
| Туре  | MOTOR<br>HP | FRAME | A<br>mm | B<br>mm | C<br>mm | D<br>ø<br>mm | G<br>ø<br>mm | E<br>ømm | L<br>mm | M<br>mm | N       | P<br>ø<br>mm |
| DFGK-20   | 1/20        | 63    | 135     | 45      | 48      | 90           | 104          | 10       | 40      | 90      | 104 PCD | 32           |
| DFGK-10   | 1/10        | 63    | 145     | 45      | 48      | 90           | 104          | 10       | 40      | 90      | 4 Holes | 32           |
| DFGK-8  | 1/8         | 63    | 155     | 45      | 48      | 90           | 104          | 10       | 40      | 90      | M-6     | 32           |

Double Reduction Geared Motors also available





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