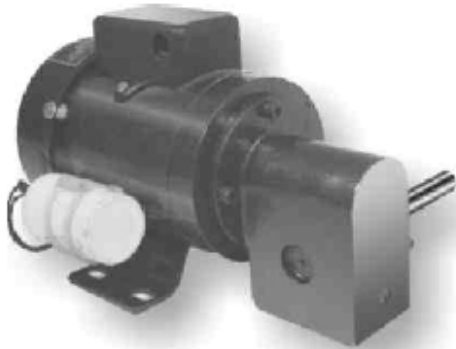


Geared Motors

Delco offers single phase capacitor run & three phase geared instrument motors. Totally enclosed face / foot mounted, fan cooled, of wide variety & range to meet trouble free application for original equipment manufacturers.

Worm Geared Motor



Construction Features

Ball bearing to motor and Gear Box also * Shaft dia(max. 15 mm) & length to suit Output 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.								
	Type	Motor H.P.	Frame	A ø mm	B ø mm	C mm	D mm	E mm
	DFGR-20	0.05	63	91	104	200	90	40
	DFGR-10	0.10	63	91	104	215	90	40
	DFGR-8	0.125	63	91	104	215	90	40

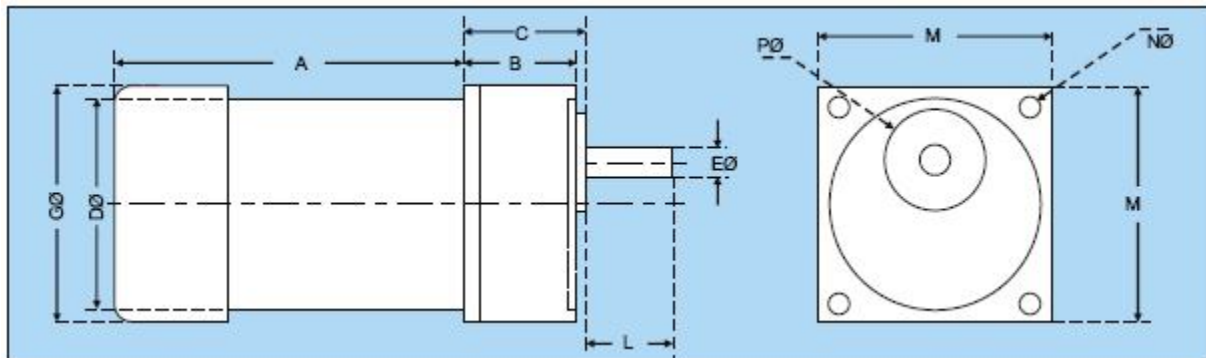
Helical Geared Motor

- Closed Aluminium cast housing
- Motor-single phase capacitor run/three phase & motor power- 1/20 to 1/8 H.P.
For typeDFGK ratio's available - 5.3,10,15.5,19,24
- For typeDFGI Ratio's available - 25,28,35.
- Torque max. 55kg. 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



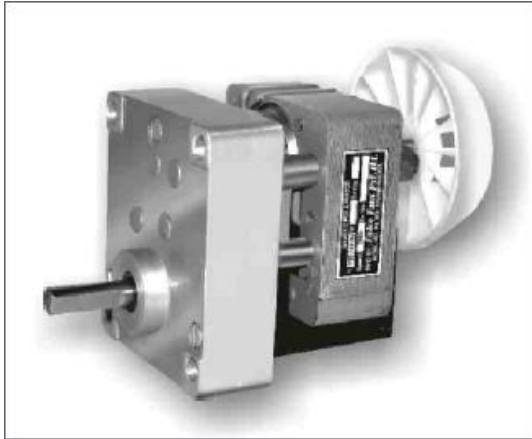
Type DFGI



Engineering data / specification for some of the Standard Motors.

Type	MOTOR HP	FRAME	A mm	B mm	C mm	D ϕ mm	G ϕ mm	E ϕ mm	L mm	M mm	N	P ϕ 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 M-6	32
DFGK-8	1/8	63	155	45	48	90	104	10	40	90		32
DFGI-25	1/25	56	111	42	42	78	87	10	30	80	94 PCD	34
DFGI-30	1/30	56	116	42	42	78	87	10	30	80	4 Holes M5	34

Shaded Pole Geared Motors



Application Areas

- Business Equipment
- Appliances
- Pumps
- Automatic Merchandising Machines
- Diamond cutting /Polishing M/c.
- Vending M/c.

All Purpose Gear Motor

Delco's High quality & compact Gear Motors are a result of over 25 years manufacturing experience of wide variety and range. Gear motors are designed and built to meet the strictest performance demands for long life and trouble free application for original equipment manufacturers.

Engineering Design

"Delco" motors are designed specifically for customs design to your specification. Complete engineering for just the right OEM motor for the exact torque and speed to fit your specific design need.

Economical

Our improved tooling, production and rigid inspection at all stages assures your original equipment long life operation and at lowest cost possible.

Specification

Motor

2 Pole shaded pole AC

12 to 240VAC, 50 Hz.

Output fixed speeds 5 to 140 RPM.

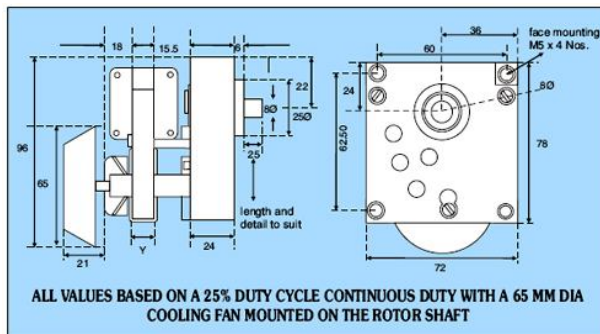
Input bearing-Self aligning sintered bronze / Ball Bearing can be offered on Request.

Gear Reducer

First stage with self lubricating delrin gear, helps to minimise noise level

Hardened alloy steel wide-face gears for higher torque requirements

Perfect aligned & matched gears on ground pins assembled in Aluminium die cast housing



Torque - Kg. Cm.			
Out put Speed RPM	Delco Part No.		
	GDE 17	GDE 25	GDE 38
5	20	20	20
7.5	20	20	20
10	16	20	20
20	8.5	12.5	15.5
30	5.5	8.3	10.2
40	4	6	8
60	2.7	4	5
80	2	3	4
90	1.8	2.8	3.5
110	1.5	2.3	2.8
120	1.4	2	2.6

All values based on a 25% duty cycle or continuous duty with a 65 mm dia. cooling fan mounted on the rotor shaft.