

# Electric Motor – Fractional Horse Power. A.C. Single Phase/Three Phase



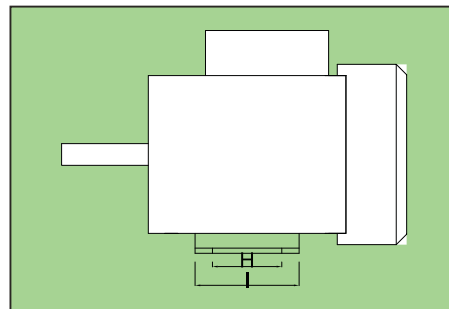
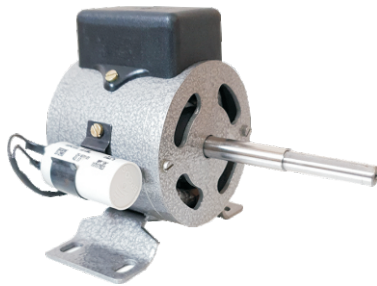
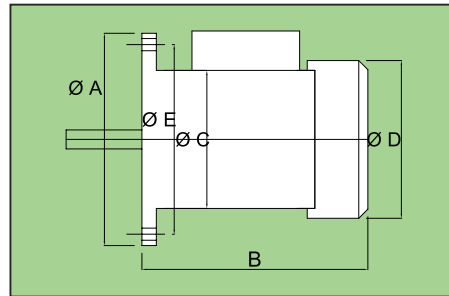
Since 1974

After prolonged experiments tests and trials, we have developed most ideal Primeover – 'DELCO' FRACTIONAL HORSE POWER – SPECIAL PURPOSE, CUSTOM BUILT ELECTRIC MOTORS, to meet individual requirements considering H.P. size, shape, shaft details, special mounting arrangement if any etc. Ideal for hundreds of air moving or light mechanical duty applications.

## Aluminium Die cast Housing



Type DFA



### CONSTRUCTION FEATURES :

- Moisture resistant winding system & stator assembly are designed to provide more power in less space.
- Class of insulation 'F'.
- Available in two, four & six pole, capacitor start & run single phase & three phase design 50 or 60 Hz.
- Shaft dia & extension either on one or both ends as per the requirement. Shaft of EN 8 or S.S.
- Motor totally enclosed in aluminum cast body & end shields.
- Bearing – ball bearing.
- Protection class IP 44, when being installed.
- Built-in Thermal Protector provided on request or Impedance protection.

### MOUNTING TYPES :

- Rigid base – Motor solidly fastened through metal base.
- Face or Flange – As per customers requirement with tapped holes for rigid Mounting.

Wide range of custom built motors available in 960, 1440 & 2800 RPM. Single/Three phase, from 1/50 H.P. to 1/4 H.P. For motors selection, customers are requested to furnish complete engineering data with electrical specification, which will help to design suitable motors for exact requirements.

### Engineering data / specification for some of the Standard Motors.

Type	Frame	H.P	Phase ø	Speed RPM	A ø mm	B mm	C ø mm	D ø mm	E mm	H mm	I mm
DFA 20	63	1/20	1 or 3	2880	135	135	91	104	120	40X95	60
				1440							
DFA 10	63	1/10	1 or 3	2880	140	145	91	104	125	40X95	60
				1440							
DFA 8	63	1/8	1 or 3	2880	140	145	91	104	125	40X95	60
				1440							

For motors selection, customers are requested to furnish complete engineering, which will help to design suitable motors for exact requirements. Many more custom built non standard designs available.



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