



GOLDEN

Electric Motors



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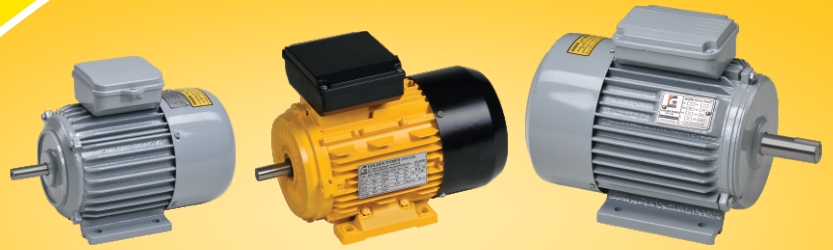


Approved in :



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GOLDEN Electric Motors

Function:

These motors are induction or asynchronous type of motors. These are also a type of AC motors, where power is supplied to the rotor by means of electromagnetic induction. These motors are widely used in industrial drives, in general single phase and three phase induction motors because these are robust and have no brushes. Their speed can also be controlled with a variable frequency drive.

Motor Construction:

Motor casing in cast iron, rotor & stator in electric silicon steel sheet, 99.9% pure copper wire, world's finest pre-greased ball bearings, dynamically balanced rotor, fine external paint for corrosion resistance and fan cooled enclosed features make this motor suitable for different applications.

Application:

These motors are used as a prime mover for operating other machines i.e. Golden Piston pumps, grain processing machinery, engineering machinery, wood cutters, marble cutters, mixers and many other applications, by using v-belt pulley or by direct coupling. These motors are used in 2 pole or 4 pole and I phase or III phase connections, according to the customer's requirement.

Installation:

These motors can be positioned with horizontal, sloping or vertical axis according to the requirement.

Motor Performance Data:

Ambient Temp:	-15°C ~ +40°C
Relative Humidity:	60% (@+40°C)
Altitude:	Less then 1000 meters above seal level.
Specifications:	Totally Enclosed Fan Cooled (Ic411), IP-55, 220V, 50Hz, 380V, 50Hz, 4P & 2P.



Technical Data:

HP	kW	V	Phase	A	rpm	Hz
0.5	0.37	200 ~ 230	I	3.5	1450	50
1	0.74	200 ~ 230	I	6		
		380 ~ 440	III	1.75		
2	1.48	200 ~ 230	I	11		
		380 ~ 440	III	3		
3	2.22	380 ~ 440	III	4.5	1450 , 2900	
5	3.7			7.5		
7.5	5.55					11