

## MC1625 AC gearmotor

### Parallel shaft, single & double reduction AC gearmotor in single or three phase current

An efficient, versatile general purpose and economically priced gearmotor for many standard commercial and industrial applications. These parallel shaft single and double reduction gearmotors are designed for direct coupled, chain, belt or gear drive, low rpm applications such as machine tools, conveyors, feeders, vending machines, etc. The gear head features cast iron construction with precision cut steel spur gears for low noise operation. The gearmotors are built with direct drive 1/3 hp, 1725 rpm NEMA 56F, continuous duty motors. All motors feature maintenance free bearings. There are numerous modifications that may be incorporated into this versatile gearmotor for those special applications. This has been a proven workhorse through years in many applications.



### Specifications

- Gear ratios: 16:1, 11:1, 19:1, 38:1
- Motor voltages: 115 VAC, or 208-230/460 VAC
- Output speed: 45-288 rpm
- Operation: Bi-directional
- 1/3 hp models
- Agency approvals: UL/CSA

### Features

- OFC motor construction
- Precision machined gearing for smooth, efficient, long life operation
- Full ball bearing construction
- Gear oil lubrication - vented
- Cast iron gearbox housing
- Oil seals on output shaft for protection against dirt intrusion
- Multiple output speeds available

### Options

- Custom output shafts
- Motor - voltage/phase
- Motor 56F (single or three phase)
- Ratio
- 2-foot mount configuration
- High or low temperature modifications

### Applications

- Conveyors
- Pumps
- Mixers
- Feeders
- Transfer devices
- Farm equipment

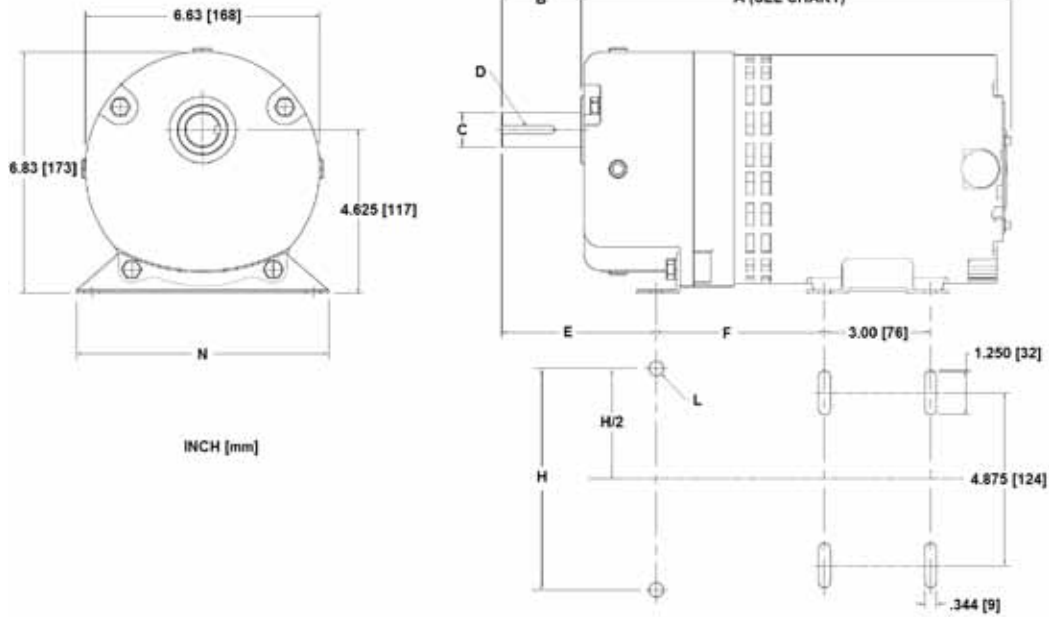


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Dimensions



Product Specifications

Single Phase Parallel Shaft Multiple Reduction AC Gearmotors  
Class 1 (1.0) Service Factor

Part Number	Output rpm	Gear Ratio	Output Torque	Input HP	Motor Phase	Insul. Class	Agency Approvals	Voltage Frequency	Motor Frame	Motor Enclosure	Full Load Amps	O/S OHL	Approx. Weight (lbs.)
MC1625E6535D1/3-38	45	38:1	438	1/3	1	F	UL/CSA	115VAC/60Hz	56	OFC	5.9A	385	42
MC1625E6534D1/3-19	89	19:1	219	1/3	1	F	UL/CSA	115VAC/60Hz	56	OFC	5.9A	245	40
MC1625E6534D1/3-11	157	11:1	125	1/3	1	F	UL/CSA	115VAC/60Hz	56	OFC	5.9A	245	40
MC1625E6534D1/3-6	288	6:1	69	1/3	1	F	UL/CSA	115VAC/60Hz	56	OFC	5.9A	245	40

Three Phase Parallel Shaft Multiple Reduction AC Gearmotors  
Class 1 (1.0) Service Factor

Part Number	Output rpm	Gear Ratio	Output Torque	Input HP	Motor Phase	Insul. Class	Agency Approvals	Voltage Frequency	Motor Frame	Motor Enclosure	Full Load Amps	O/S OHL	Approx. Weight (lbs.)
MC1625E6534D1/3-11/230	57	11:1	125	1/3	3	F	UL/CSA	208-230/460VAC 60Hz	56	OFC	1.4-1.3/0.7A	245	42

Dimensional Reference

Part Number	A	B	C	D	E	F	G	H	L	N
MC1625E6534D1/3-11	12.02 (305)	1.63 (41)	0.625 (15.875)	0.1875 (4.76) W x 1.125 (28.6) D	3.812 (97)	4.688 (124)	4.875 (124)	5.5 (140)	0.344 (9) x .63 (16)	6.5 (165)
MC1625E6534D1/3-11/230	12.02 (305)	1.63 (41)	0.625 (15.875)	0.1875 (4.76) W x 1.125 (28.6) D	3.812 (97)	5.125	4.875 (124)	5.5 (140)	0.344 (9) x .63 (16)	6.5 (165)
MC1625E6534D1/3-19	12.02 (305)	1.63 (41)	0.625 (15.875)	0.1875 (4.76) W x 1.125 (28.6) D	3.812 (97)	4.688 (124)	4.875 (124)	5.5 (140)	0.344 (9) x .63 (16)	6.5 (165)
MC1625E6534D1/3-6	12.02 (305)	1.63 (41)	0.625 (15.875)	0.1875 (4.76) W x 1.125 (28.6) D	3.812 (97)	4.688 (124)	4.875 (124)	5.5 (140)	0.344 (9) x .63 (16)	6.5 (165)
MC1625E6534D1/3-38	12.02 (305)	2.25 (57)	1.00 (25.4)	0.25 (6.35) W x 1.375 (34.9) D	4.375 (111)	4.75	4.875 (124)	6.25 (159)	0.41 (11)	7.13 (181)

