



MC111 AC gearmotor

Parallel shaft, single & double reduction, single & three phase AC gearmotor

For the past 50 years, Euclid Universal has worked to establish its position as a global leader in the power transmission field. Working with diverse Original Equipment Manufacturers, Euclid designs and builds gear drive systems for special applications where off-the-shelf items will not fit or meet exacting rugged duty performance requirements. While the competition adapts drives originally designed for completely different purposes such as automotive windshield wipers and industrial conveyors, Euclid Universal produces gearmotors, gearheads, speed reducers and transaxles custom-made to meet the unique needs of each customer.

Our flexibility in engineering and production affords rapid response in design, prototype and production. Requirements for either low- or high-volume orders can be handled within our facility at competitive costs. We test for sound and vibration issues to assure pre-established requirements are met on each shipment.



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

Applications

- Conveyors
- Pumps
- Mixers
- Feeders

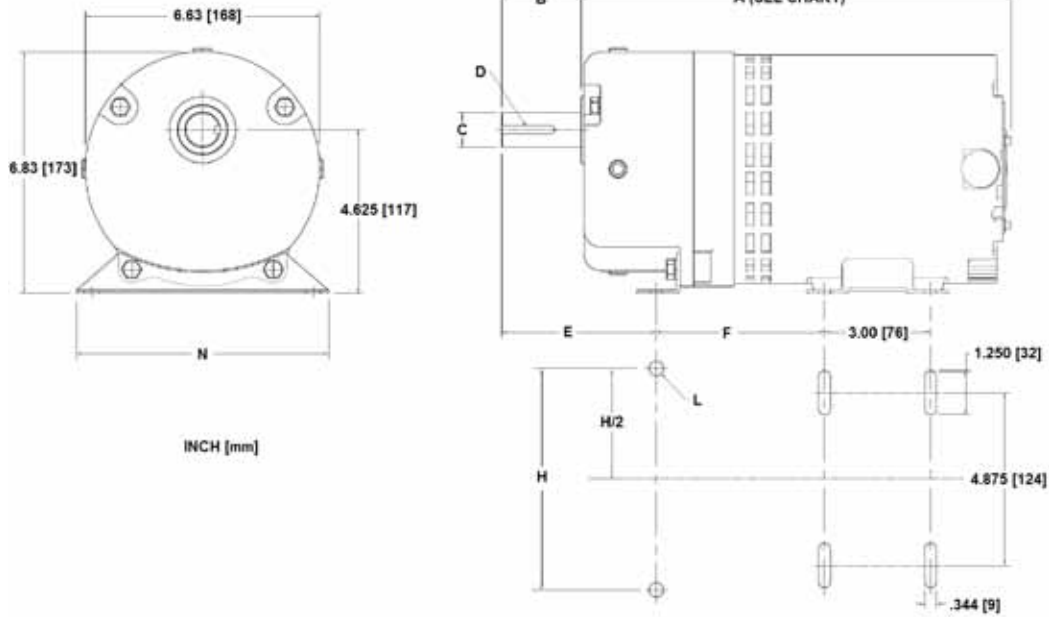


Euclid Universal®

A Kinetek Company®

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Dimensions



Product Specifications

Model Number	1625GT6151D1/3-38	1625g6150D1/3-19	1625G6150D1/3-11	1625G6150D1/3-6	1625G6150D1/3-11/230	
Motor Frame Size	56	56	56	56	56	
Phase	1	1	1	1	3	
Voltage/frequency	115VAC/60Hz	115VAC/60Hz	115VAC/60Hz	115VAC/60Hz	208-230/460VAC 60Hz	
F/L output rpm @ 60Hz	45	89	157	288	127	
Insulation class	F	F	F	F	F	
Input HP	0.33 hp	0.33 hp	0.33 hp	0.33 hp	0.33 hp	
Ratio in:out	38:1	19:1	11:1	6:1	11:1	
Dimensional references	A	12.02 (305)	12.02 (305)	12.02 (305)	12.02 (305)	12.02 (305)
	B	2.25 (57)	1.63 (41)	1.63 (41)	1.63 (41)	1.63 (41)
	C	1.00 (25.4)	0.625 (15.875)	0.625 (15.875)	0.625 (15.875)	0.625 (15.875)
	D	0.25 (6.35)w x 1.375 (34.9)d	0.1875 (4.76)w x 1.125 (28.6) d	0.1875 (4.76)w x 1.125 (28.6) d	0.1875 (4.76)w x 1.125 (28.6) d	0.1875 (4.76)w x 1.125 (28.6) d
	E	4.375 (111)	3.812 (97)	3.812 (97)	3.812 (97)	3.812 (97)
	F	4.75	4.688	4.688	4.688	5.125
	H	6.25 (1.59)	5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)
	L	0.41 (11)	0.344 (9) x 0.63 (16)	0.344 (9) x 0.63 (16)	0.344 (9) x 0.63 (16)	0.344 (9) x 0.63 (16)
N	7.13 (18)	6.5 (165)	6.5 (165)	6.5 (165)	6.5 (165)	
Enclosure	open fan cooled	open fan cooled	open fan cooled	open fan cooled	open fan cooled	
F/L Output Torque (in-lbs)	438	219	125	69	125	
Output Shaft Max Overhung Load (lbs)	385	245	245	245	245	
F/L Amps @690Hz	5.9	5.9	5.9	5.9	1.4-1.3-0.7	
Agency approvals	UL/CSA	UL/CSA	UL/CSA	UL/CSA	UL/CSA	



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