

MC225DR AC right angle gearmotor

Right angle, double reduction, 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.



Features

- TEFC motor construction
- Corrosion resistant aluminum primary and cast iron final gearbox housing
- Full ball bearing construction
- Gear oil lubrication - vented
- Precision machined gearing for smooth, efficient, long life operation
- Multiple output speeds available
- Several voltage options
- Oil seals on axle shafts for protection against dirt intrusion

Specifications

- Bi-directional operation
- 3/4, 1 and 2 hp models
- Voltage: 208/230/460 VAC
- Frequency: 50/60 Hz
- Motor: 56F 3-phase
- Insulation class: F
- Ratios: 25:1, 37:1, 47:1, 57:1
- Output speeds: 30-68 rpm
- Lubrication: Gear Oil
- Weight: 72 lbs.
- Agency approvals: UL/CSA
- Large 1.5" keyed output shaft

Options

- Ratio
- Motor HP
- Custom output shafts (per your specifications)

Applications

- Printing press
- Pumps
- Conveyors
- Mixers

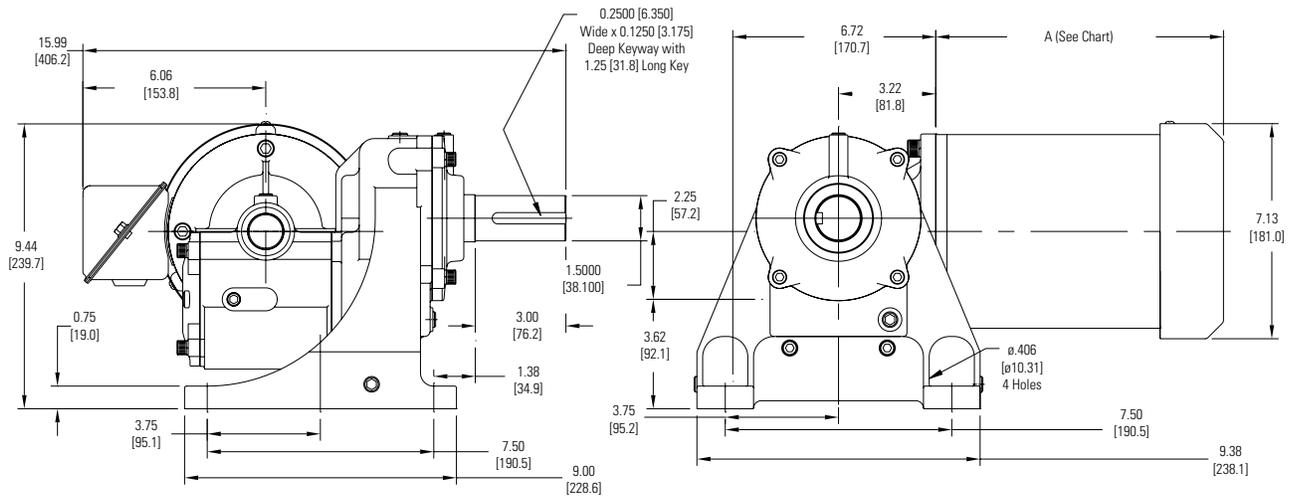


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Dimensions



Product Specifications

Model Number	268G6132D1-57	268G6132D2-37	268G6132D2-25	268G6132D1-47	268G6132D3/4-57
Motor Frame Size	56	56	56	56	56
Phase	3	3	3	3	3
Voltage	208-230/406 V	208-230/406 V	208-230/406 V	208-230/406 V	208-230/406 V
Frequency	60/50 Hz	60/50 Hz	60/50 Hz	60/50 Hz	60/50 Hz
Insulation Class	F	F	F	F	F
F/L Output rpm @ 60 Hz	30	45	68	37	30
Input HP	1	2	2	1	¾
Ratio (In:Out)	57:1	37:1	25:1	47:1	57:1
Dimension A	10.78 inches (274 mm)	9.53 inches (242 mm)			
Motor Enclosure	TEFC ▲	TEFC ▲	TEFC ▲	TEFC ▲	TEFC ▲
Output Shaft End Thrust (lbs)	1044	1240	942	1245	1044
Output Shaft Overhung load (lbs)	883	894	827	883	883
F/L Output Torque (in-lbs)	1168	1682	1143	1023	876
Start Torque (in-lbs)	5245	6125	4140	4325	4195
F/L Amps @ 60 Hz	3.4-3.4/1.7	6.4-6.3/3.2	6.4-6.4/3.2	3.4-3.4/1.7	2.7-3.0/1.5
Weight	72	72	72	72	72

