

MC256 AC right angle gearmotor

Right angle, single reduction, single phase, AC gearmotor

The MC256 is the larger version of the MC225 for those applications when you need more torque. The MC 256 is an economically priced, but rugged compact right angle worm gearmotor for those applications requiring a heavy duty gearmotor in a compact size. This tough universally mountable fractional horsepower workhorse will easily handle many applications such as feeders, conveyors, transfer stations, pumps, printing presses, mixers, etc. right off the shelf. The driven load can be connected by coupling, sprocket, pulley or gears. The gearmotor design incorporates integral motors directly mounted to the gearcase. Other design features include forged bronze worm wheel, hardened steel worm shaft, high tensile strength die cast aluminum alloy gearcase, tapered roller and ball bearings with double lipped oil seals on the input and output shafts. But when you have special requirements, these gearmotors will accept many special modifications required for your especially difficult applications.



Features

- TEFC motor construction
- Light weight die cast aluminum housing
- Tapered roller and ball bearing construction with universal mounting
- Gear oil lubrication
- Precision machined gearing for smooth, efficient, long life operation
- Multiple output speeds available
- Fully sealed gearbox

Specifications

- Bi-directional operation
- 1/2, 3/4, 1 and 2 hp models
- Voltage: 115/208/230/460 VAC
- Motor: 56F 1-phase and 3-phase
- Insulation class: B
- Ratios: 11:1, 18:1, 21:1, 26:1, 31:1, 39:1, 47:1, 58:1
- Output speeds: 30-158 rpm
- Weight: 42 to 58 lbs.
- Agency approvals: UL/CSA

Options

- Ratio
- Motor HP
- Motor phase (single or 3 phase)
- Custom output shafts (per your specifications)
- High or low temperature modifications

Applications

- Printing press
- Pumps
- Conveyors
- Mixers
- Food processing
- Cranes and hoists
- Feeders
- Farm equipment
- Rotary screens
- Special machinery
- Amusement devices



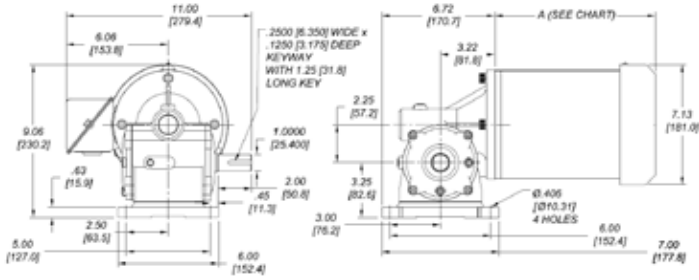
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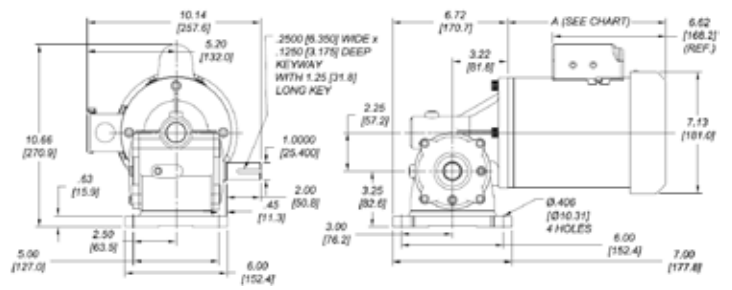
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Dimensions

X view



Y view



Note: May be ordered in left or right hand configuration (left hand shown).

Product Specifications

Part Number	Output rpm @ 60Hz	Ratio In:Out	Output Torque (in.-lbs.)	Input HP	Motor Phase	Voltage Frequency	Motor Frames	F/L Amps	Output Shaft		Approx. Weight (lbs.)	Dimensional View	Dimensional Ref. A Inches (mm)
									End Thrust (lbs.)	Overhung Load (lbs.)			
MC256E6258D1/2-58	30	58:1	680	1/2	1	115/208-230V 60Hz	56	8.4/4.2	490	980	42	Y	9.27 [235]
MC256E6258D3/4-18	97	18:1	394	3/4	1	115/208-230V 60Hz	56	11.2/5.6	415	831	46	Y	10.78 [274]
MC256E6258D3/4-21	83	21:1	456	3/4	1	115/208-230V 60Hz	56	11.2/5.6	441	882	46	Y	10.78 [274]
MC256E6258D3/4-26	67	26:1	537	3/4	1	115/208-230V 60Hz	56	11.2/5.6	466	932	46	Y	10.78 [274]
MC256E6258D3/4-31	56	31:1	633	3/4	1	115/208-230V 60Hz	56	11.2/5.6	490	980	46	Y	10.78 [274]
MC256E6258D3/4-39	45	39:1	743	3/4	1	115/208-230V 60Hz	56	11.2/5.6	490	980	46	Y	10.78 [274]
MC256E6530D1/2-18	97	18:1	265	1/2	3	208-230/460V 50/60Hz	56	2.0-1.9/0.95	415	831	42	X	9.53 [242]
MC256E6530D1/2-21	83	21:1	308	1/2	3	208-230/460V 50/60Hz	56	2.0-1.9/0.95	441	882	42	X	9.53 [242]
MC256E6530D1/2-26	67	26:1	367	1/2	3	208-230/460V 50/60Hz	56	2.0-1.9/0.95	466	932	42	X	9.53 [242]
MC256E6530D1/2-31	56	31:1	428	1/2	3	208-230/460V 50/60Hz	56	2.0-1.9/0.95	490	980	42	X	9.53 [242]
MC256E6530D1/2-39	45	39:1	507	1/2	3	208-230/460V 50/60Hz	56	2.0-1.9/0.95	490	980	42	X	9.53 [242]
MC256E6530D1/2-47	37	47:1	586	1/2	3	208-230/460V 50/60Hz	56	2.0-1.9/0.95	490	980	42	X	9.53 [242]
MC256E6530D1/2-58	30	58:1	680	1/2	3	208-230/460V 50/60Hz	56	2.7-3.0/1.5	490	980	42	X	9.53 [242]
MC256E6530D3/4-11	158	11:1	269	3/4	3	208-230/460V 50/60Hz	56	2.7-3.0/1.5	361	723	42	X	9.53 [242]
MC256E6530D3/4-18	97	18:1	394	3/4	3	208-230/460V 50/60Hz	56	2.7-3.0/1.5	415	831	42	X	9.53 [242]
MC256E6530D3/4-21	83	21:1	456	3/4	3	208-230/460V 50/60Hz	56	2.7-3.0/1.5	441	882	42	X	9.53 [242]
MC256E6530D3/4-26	67	26:1	537	3/4	3	208-230/460V 50/60Hz	56	2.7-3.0/1.5	466	932	42	X	9.53 [242]
MC256E6530D3/4-31	56	31:1	633	3/4	3	208-230/460V 50/60Hz	56	2.7-3.0/1.5	490	980	42	X	9.53 [242]
MC256E6530D3/4-39	45	39:1	743	3/4	3	208-230/460V 50/60Hz	56	2.7-3.0/1.5	490	980	42	X	9.53 [242]
MC256E6530D3/4-47	37	47:1	855	3/4	3	208-230/460V 50/60Hz	56	2.7-3.0/1.5	490	980	42	X	9.53 [242]
MC256E6529D1-11	158	11:1	357	1	3	208-230/460V 50/60Hz	56	3.4-3.4/1.7	361	723	53	X	9.53 [242]
MC256E6529D1-18	97	18:1	522	1	3	208-230/460V 50/60Hz	56	3.4-3.4/1.7	415	831	53	X	9.53 [242]
MC256E6529D1-21	83	21:1	605	1	3	208-230/460V 50/60Hz	56	3.4-3.4/1.7	441	882	53	X	9.53 [242]
MC256E6529D1-26	67	26:1	796	1	3	208-230/460V 50/60Hz	56	3.4-3.4/1.7	466	882	53	X	9.53 [242]
MC256E6529D1-31	56	31:1	835	1	3	208-230/460V 50/60Hz	56	3.4-3.4/1.7	490	980	53	X	9.53 [242]
MC256E6529D1-39	45	39:1	966	1	3	208-230/460V 50/60Hz	56	3.4-3.4/1.7	490	980	53	X	9.53 [242]
MC256E6529D2-11	158	11:1	711	2	3	208-230/460V 50/60Hz	56	6.4-6.3/3.2	361	723	58	X	9.53 [242]

