

MARATHON ELECTRIC EXPLOSION PROOF SINGLE PHASE FRACTIONAL


APPLICATIONS:

For use on fans, blowers, pumps, compressors, machine tools and other equipment installed in hazardous environments as defined by the motor's explosion proof class and group rating. Consult the National Electrical code and your local regulations for the proper selection of motors in hazardous locations.

DESIGN FEATURES:


- Double sealed ball bearings
- Capacitor start design for high starting torque
- Automatic reset thermal protector
- Class I Groups C & D, Class II, Groups F & G
- UL Listed file no. E12044
- CSA Certified file no. LR21839
- Meets UL frame temperature limit code T3B
- 1.0 Service factor
- Explosion proof conduit box included shipped loose

Single Phase, 56 Frame, Rigid Base Mount



| HP | RPM | VOLTS | F.L. AMPS | CAT. NO. | WT LBS. | "C" DIM | LIST |
|-----|------|-------------|--------------|-------------|---------|---------|---------|
| 1/4 | 1800 | 115/208-230 | 4.8/2.3-2.4 | G639 | 32 | 11.97 | \$633 |
| | 1200 | 115/208-230 | 6.8/3.1-3.4 | G650 | 34 | 13.94 | \$822 |
| 1/3 | 1800 | 115/208-230 | 6.6/3.1-3.3 | G651 | 35 | 13.44 | \$723 |
| | 1200 | 115/208-230 | 7.8/3.6-3.9 | G652 | 39 | 13.94 | \$910 |
| 1/2 | 3600 | 115/208-230 | 8.4/4.0-4.2 | G653 | 36 | 13.94 | \$650 |
| | 1800 | 115/208-230 | 8.8/4.2-4.4 | G654 | 34 | 13.94 | \$790 |
| | 1200 | 115/208-230 | 9.6/4.7-4.8 | G655 | 46 | 14.94 | \$1,049 |
| 3/4 | 3600 | 115/208-230 | 10.6/5.3-5.3 | G656 | 43 | 13.94 | \$733 |
| | 1800 | 115/208-230 | 11.0/5.4-5.5 | G657 | 41 | 14.44 | \$886 |
| 1 | 3600 | 115/208-230 | 12.4/6.7-6.2 | G658 | 46 | 14.44 | \$791 |
| | 1800 | 115/208-230 | 13.4/6.8-6.7 | G659 | 43 | 14.44 | \$926 |

Single Phase, 56C Flange, Round Body



| HP | RPM | VOLTS | F.L. AMPS | CAT. NO. | WT LBS. | "C" DIM | LIST |
|-----|------|-------------|--------------|-------------|---------|---------|-------|
| 1/4 | 1800 | 115/208-230 | 4.8/2.3-2.4 | G852 | 33 | 11.97 | \$657 |
| 1/3 | 1800 | 115/208-230 | 6.6/3.1-3.3 | G853 | 37 | 13.44 | \$741 |
| 1/2 | 3600 | 115/208-230 | 8.4/4.0-4.2 | G854 | 41 | 13.44 | \$667 |
| | 1800 | 115/208-230 | 8.8/4.2-4.4 | G855 | 39 | 13.94 | \$807 |
| 3/4 | 1800 | 115/208-230 | 11.0/5.4-5.5 | G857 | 42 | 14.44 | \$903 |
| 1 | 3600 | 115/208-230 | 12.4/6.0-6.2 | G858 | 48 | 14.44 | \$809 |
| | 1800 | 115/208-230 | 13.4/6.8-6.7 | G870 | 46 | 14.44 | \$943 |

MARATHON ELECTRIC EXPLOSION PROOF THREE PHASE FRACTIONAL

APPLICATIONS

For use on fans, blowers, pumps, compressors, machine tools and other equipment installed in hazardous environments as defined by the motor's explosion proof class and group rating. Consult the National Electrical code and your local regulations for the proper selection of motors in hazardous locations.

DESIGN FEATURES

- 1.0 Service factor
- Automatic reset thermal protector
- Class I, Groups C & D, Class II, Groups F & G
- CSA Certified file no. LR21839
- UL Listed file no. E12044
- Meets UL frame temperature limit code T3B
- Explosion proof conduit box included, shipped loose

Three Phase, 56 Frame, Rigid Base Mount

| HP | RPM | VOLTS | FRAME | CAT. NO. | F.L.A. | WT LBS. | "C" DIM | LIST | NOTES |
|-----|------|-------------|-------|-------------|--------------|---------|---------|-------|-------|
| 1/4 | 1800 | 208-230/460 | 56 | G646 | 1.1-1.1/1.55 | 32 | 11.97 | \$774 | N |
| | | 575 | 56 | G664 | 0.43 | 32 | 11.97 | \$774 | N |
| 1/3 | 1800 | 208-230/460 | 56 | G647 | 1.3-1.2/1.60 | 31 | 11.97 | \$824 | N |
| | | 575 | 56 | G665 | 0.50 | 31 | 11.97 | \$824 | N |
| 1/2 | 3600 | 208-230/460 | 56 | G648 | 2.1-2.4/1.2 | 40 | 13.94 | \$757 | |
| | 1800 | 208-230/460 | 56 | G649 | 2.3-2.4/1.2 | 34 | 13.94 | \$870 | |
| | | 575 | 56 | G666 | 1.0 | 34 | 13.94 | \$870 | |
| 3/4 | 3600 | 208-230/460 | 56 | G660 | 3.0-3.2/1.6 | 40 | 13.94 | \$831 | |
| | 1800 | 208-230/460 | 56 | G661 | 2.9-3.0/1.5 | 38 | 13.94 | \$919 | |
| | | 575 | 56 | G667 | 1.2 | 38 | 13.94 | \$919 | |
| 1 | 3600 | 208-230/460 | 56 | G662 | 3.9-3.6/1.8 | 42 | 13.94 | \$882 | |
| | 1800 | 208-230/460 | 56 | G663 | 3.5-3.6/1.8 | 44 | 13.94 | \$927 | |
| | | 575 | 56 | G668 | 1.45 | 44 | 13.94 | \$927 | |



Three Phase, 56C Flange, Round Body

| HP | RPM | VOLTS | FRAME | CAT. NO. | F.L.A. | WT LBS. | "C" DIM | LIST | NOTES |
|-----|------|-------------|-------|--------------|--------------|---------|---------|---------|-------|
| 1/4 | 1800 | 208-230/460 | 56C | G827 | 1.1-1.1/0.55 | 34 | 11.97 | \$727 | N |
| | | 575 | 56C | G842 | 0.43 | 34 | 11.97 | \$727 | N |
| 1/3 | 1800 | 208-230/460 | 56C | G828 | 1.2-1.2/0.6 | 36 | 11.97 | \$768 | N |
| | | 575 | 56C | G843 | 0.50 | 36 | 11.97 | \$768 | N |
| 1/2 | 1800 | 208-230/460 | 56C | G829 | 2.3-2.4/1.2 | 37 | 13.94 | \$809 | |
| | | 575 | 56C | G844 | 1.0 | 37 | 13.94 | \$809 | |
| 3/4 | 1800 | 208-230/460 | 56C | G840 | 2.9-3.0/1.5 | 38 | 13.94 | \$853 | |
| | | 575 | 56C | G845 | 1.2 | 38 | 13.94 | \$853 | |
| 1 | 1800 | 208-230/460 | 56C | G841 | 3.4-3.6/1.8 | 40 | 13.94 | \$863 | |
| | | 575 | 56C | G846 | 1.45 | 40 | 13.94 | \$863 | |
| 1.5 | 1800 | 208-230/460 | 56C | K2115 | 4.8-4.8/2.4 | 60 | 13.98 | \$1,233 | |



N = Totally Enclosed, Non-Ventilated