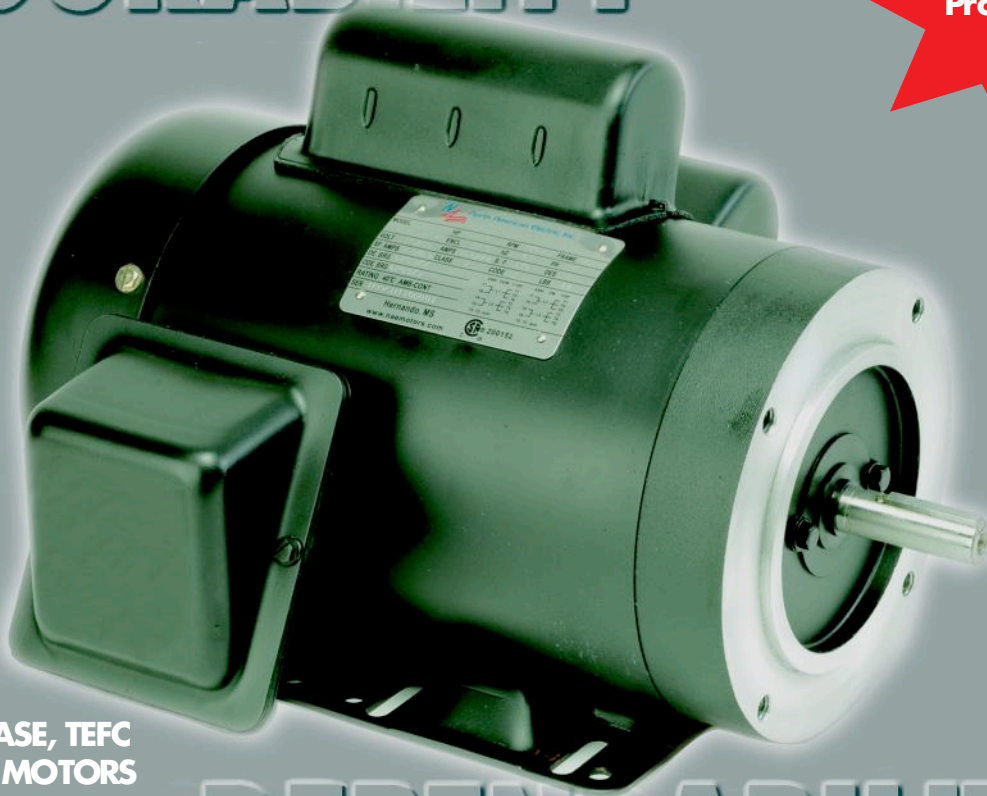


SINGLE PHASE MOTORS



North American Electric, Inc.

DURABILITY



SINGLE PHASE, TEFC  
56C FRAME MOTORS  
DETACHABLE FEET

DEPENDABILITY

PERFORMANCE

*Better* product

More features

BEST value

QUALITY

**Features****Benefits****NEMA Standard**

All motors meet NEMA 56C or 56CH dimensions and meet or exceed NEMA performance standards.

**TEFC Enclosure (IP55 Protection)**

All motors come standard with Totally Enclosed Fan Cooled (TEFC) enclosure. IP55 protection is standard for added protection against harsh environments.

**Windings (Class F Insulation)**

All motors have Class F (155 degree C.) insulation, with inorganic high pressure polyester varnish. The stators or all motors are varnished using **"Vacuum Pressure Impregnation" (VPI)** process for superior protection.

**High Service Factor (1.15)**

Service Factor is 1.15

**High Efficiency**

Top quality materials for premium performance.

- High grade silicone electrical steel
- Generous high quality copper windings

**Long Service Life**

All motors are manufactured with generous amounts of the highest quality materials and come standard with features such as dual contact/double redundancy switches, high quality premium capacitors, TEFC enclosure and IP55 protection resulting in longer service life.

**High Overload Capacity**

Starting and breakdown torques exceed NEMA standards, providing extra capacity for momentary high starting loads and running overloads.

**Mounting Flexibility**

Flexible design permits simple field conversion to different assembly positions. All motors are suitable for both horizontal and vertical operation. All motors come standard with bolt on removable feet. Feet are double drilled for added flexibility.

**Agency Approvals**

CSA + "C" + "US" – Canadian Standards Association (Meets Canadian and United States Safety Standards)

**Two Year Warranty**

All North American Electric products come with a Two Year Factory Warranty.

Model Number	HP	Frame	Full Load Speed RPM	Full Load Efficiency %	Full Load Power Factor	Locked Rotor Current Amps @ 230V	Full Load Torque (Ft-Lbs.)	Break Down Torque % FLT	Locked Rotor Torque % FLT	Bearing Size DE/NDE	"C" Dimension	Approx. Net Wt. LBS.
F56C1/3S4C	1/3	56C	1720	65.0	63	16.2	0.96	215 ~ 260	350.0	6203-ZZ	12.6	23
F56C1/2S4C	1/2	56C	1710	72.0	65	22.5	1.48	185 ~ 246	340.5	6203-ZZ	12.6	25
F56C3/4S4C	3/4	56C	1710	73.5	78	32.6	2.25	180 ~ 235	313.5	6203-ZZ	12.6	29
F56C1S4C	1	56C	1720	74.0	76	42.7	3.0	184 ~ 226	314.5	6203-ZZ	13.4	38
F56CH1.5S4C	1.5	56CH	1735	77.0	89	48.5	4.4	159.7 ~ 198	298.2	6203-ZZ	14.2	42
F56CH2S4C	2	56CH	1730	76.5	91	62.75	5.85	158 ~ 197.8	287.5	6203-ZZ	14.2	47
F56C1/3S2C	1/3	56C	3480	58.5	66	17.1	0.5	194.5 ~ 245.6	308.5	6203-ZZ	12.6	23
F56C1/2S2C	1/2	56C	3450	68.0	72	23.6	0.76	166.3 ~ 235.5	288.5	6203-ZZ	12.6	24
F56C3/4S2C	3/4	56C	3420	73.5	75	31.8	1.16	167.8 ~ 258.8	256	6203-ZZ	12.6	26
F56C1S2C	1	56C	3430	75.5	79	43.5	1.49	162 ~ 210	246.0	6203-ZZ	12.6	30
F56C1.5S2C	1.5	56C	3450	78.5	86	48.9	2.15	158.2 ~ 220	235.0	6203-ZZ	13.4	38
F56CH2S2C	2	56CH	3480	76.0	88	61.2	3.05	172 ~ 214	216.3	6203-ZZ	14.2	44

Data subject to change without notice.

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