

Construction

- IP56 enclosure
- Low vibration level of .08 in/s or less
- Foot flatness of .005 in max
- Extended grease tubes for re-greasing in the field without disassembly of the motor
- Non sparking fan
- Corrosion resistant grade 5 hardware
- Special shaft TIR specification (1/2 of NEMA standard)
- Epoxy paint
- Internal epoxy corrosion coating on all internal metal surfaces

Nameplate

- Stainless steel engraved nameplate with nominal efficiency and power factor data included
- Certified for Class I Div. 2/ Zone 2 Gr. A,B,C,D. Class II Div. 2/Zone 22 Gr. F & G
- UL (UR) mark, as well as CSA mark on nameplate



Conduit Box

- Grounding provision inside conduit box and on motor frame
- Cast iron construction

Bearings

- Labyrinth style seal on both ends of shaft
- All frames with regreaseable ball bearings
- Roller bearing option available

Insulation

- Class F insulation system with Class B temperature rise
- 1.15 Service Factor minimum
- VFD compatible with 5:1 Constant Torque/10:1 Variable Torque
- NEMA Design B torques
- Single voltage/3-leads only (460 or 575V)

Testing

- IEEE841 Test report supplied with each motor
- Suitable for marine duty IEEE45
- 5 year warranty

HP	RPM	FRAME	460V	575V	LIST
1	1800	143T	MC4N001-9	MC4N001-5	\$523
	1200	145T	MC6N001-9	MC6N001-5	\$589
1.5	3600	143T	MC2N1.5-9	MC2N1.5-5	\$551
	1800	145T	MC4N1.5-9	MC4N1.5-5	\$569
2	1200	182T	MC6N1.5-9	MC6N1.5-5	\$794
	3600	145T	MC2N002-9	MC2N002-5	\$611
2	1800	145T	MC4N002-9	MC4N002-5	\$610
	1200	184T	MC6N002-9	MC6N002-5	\$849
3	3600	182T	MC2N003-9	MC2N003-5	\$807
	1800	182T	MC4N003-9	MC4N003-5	\$815
3	1200	213T	MC6N003-9	MC6N003-5	\$1,118
	3600	184T	MC2N005-9	MC2N005-5	\$885
5	1800	184T	MC4N005-9	MC4N005-5	\$824
	1200	215T	MC6N005-9	MC6N005-5	\$1,457
7.5	3600	213T	MC2N7.5-9	MC2N7.5-5	\$1,138
	1800	213T	MC4N7.5-9	MC4N7.5-5	\$1,191
7.5	1200	254T	MC6N7.5-9	MC6N7.5-5	\$1,910
	3600	215T	MC2N010-9	MC2N010-5	\$1,427
10	1800	215T	MC4N010-9	MC4N010-5	\$1,450
	1200	256T	MC6N010-9	MC6N010-5	\$2,376
15	3600	254T	MC2N015-9	MC2N015-5	\$2,098
	1800	254T	MC4N015-9	MC4N015-5	\$2,114
15	1200	284T	MC6N015-9	MC6N015-5	\$2,948
	3600	256T	MC2N020-9	MC2N020-5	\$2,421
20	1800	256T	MC4N020-9	MC4N020-5	\$2,444
	1200	286T	MC6N020-9	MC6N020-5	\$3,615
25	3600	284TS	MC2N025-9	MC2N025-5	\$2,882
	1800	284T	MC4N025-9	MC4N025-5	\$2,919
25	1200	324T	MC6N025-9	MC6N025-5	\$4,603
	3600	286TS	MC2N030-9	MC2N030-5	\$3,449
30	1800	286T	MC4N030-9	MC4N030-5	\$3,522
	1200	326T	MC6N030-9	MC6N030-5	\$5,326
40	3600	324TS	MC2N040-9	MC2N040-5	\$4,507
	1800	324T	MC4N040-9	MC4N040-5	\$4,545
40	1200	364T	MC6N040-9	MC6N040-5	\$6,869
	3600	326TS	MC2N050-9	MC2N050-5	\$5,171
50	1800	326T	MC4N050-9	MC4N050-5	\$5,353
	1200	365T	MC6N050-9	MC6N050-5	\$7,939
60	3600	364TS	MC2N060-9	MC2N060-5	\$7,211
	1800	364T	MC4N060-9	MC4N060-5	\$7,060
60	1200	404T	MC6N060-9	MC6N060-5	\$9,762
	3600	365TS	MC2N075-9	MC2N075-5	\$8,295
75	1800	365T	MC4N075-9	MC4N075-5	\$9,130
	1200	405T	MC6N075-9	MC6N075-5	\$11,250
100	3600	405TS	MC2N100-9	MC2N100-5	\$11,228
	1800	405T	MC4N100-9	MC4N100-5	\$10,908
100	1200	444T	MC6N100-9	MC6N100-5	\$15,141
	3600	444TS	MC2N125-9	MC2N125-5	\$15,304
125	1800	444T	MC4N125-9	MC4N125-5	\$15,915
	1200	445T	MC6N125-9	MC6N125-5	\$17,945
150	3600	445TS	MC2N150-9	MC2N150-5	\$16,901
	1800	445T	MC4N150-9	MC4N150-5	\$18,574
150	1200	447T	MC6N150-9	MC6N150-5	\$25,620
	3600	447TS	MC2N200-9	MC2N200-5	\$23,048
200	1800	447T	MC4N200-9	MC4N200-5	\$24,696

HP	RPM	FRAME	460V	575V	LIST
1	1800	143TC	MC4N001-9C	MC4N001-5C	\$581
	1200	145TC	MC6N001-9C	MC6N001-5C	\$647
1.5	3600	143TC	MC2N1.5-9C	MC2N1.5-5C	\$610
	1800	145TC	MC4N1.5-9C	MC4N1.5-5C	\$628
1.5	1200	182TC	MC6N1.5-9C	MC6N1.5-5C	\$879
	3600	145TC	MC2N002-9C	MC2N002-5C	\$670
2	1800	145TC	MC4N002-9C	MC4N002-5C	\$668
	1200	184TC	MC6N002-9C	MC6N002-5C	\$933
3	3600	182TC	MC2N003-9C	MC2N003-5C	\$892
	1800	182TC	MC4N003-9C	MC4N003-5C	\$900
3	1200	213TC	MC6N003-9C	MC6N003-5C	\$1,248
	3600	184TC	MC2N005-9C	MC2N005-5C	\$970
5	1800	184TC	MC4N005-9C	MC4N005-5C	\$909
	1200	215TC	MC6N005-9C	MC6N005-5C	\$1,587
7.5	3600	213TC	MC2N7.5-9C	MC2N7.5-5C	\$1,268
	1800	213TC	MC4N7.5-9C	MC4N7.5-5C	\$1,321
7.5	1200	254TC	MC6N7.5-9C	MC6N7.5-5C	\$2,092
	3600	215TC	MC2N010-9C	MC2N010-5C	\$1,557
10	1800	215TC	MC4N010-9C	MC4N010-5C	\$1,580
	1200	256TC	MC6N010-9C	MC6N010-5C	\$2,558
15	3600	254TC	MC2N015-9C	MC2N015-5C	\$2,280
	1800	254TC	MC4N015-9C	MC4N015-5C	\$2,296
15	1200	284TC	MC6N015-9C	MC6N015-5C	\$3,234
	3600	256TC	MC2N020-9C	MC2N020-5C	\$2,603
20	1800	256TC	MC4N020-9C	MC4N020-5C	\$2,626
	1200	286TC	MC6N020-9C	MC6N020-5C	\$3,901
25	3600	284TSC	MC2N025-9C	MC2N025-5C	\$3,168
	1800	284TC	MC4N025-9C	MC4N025-5C	\$3,205
25	1200	324TC	MC6N025-9C	MC6N025-5C	\$4,941
	3600	286TSC	MC2N030-9C	MC2N030-5C	\$3,735
30	1800	286TC	MC4N030-9C	MC4N030-5C	\$3,808
	1200	326TC	MC6N030-9C	MC6N030-5C	\$5,664
40	3600	324TSC	MC2N040-9C	MC2N040-5C	\$4,845
	1800	324TC	MC4N040-9C	MC4N040-5C	\$4,883
40	1200	364TC	MC6N040-9C	MC6N040-5C	\$7,376
	3600	326TSC	MC2N050-9C	MC2N050-5C	\$5,509
50	1800	326TC	MC4N050-9C	MC4N050-5C	\$5,691
	1200	365TC	MC6N050-9C	MC6N050-5C	\$8,446
60	3600	364TSC	MC2N060-9C	MC2N060-5C	\$7,718
	1800	364TC	MC4N060-9C	MC4N060-5C	\$7,567
60	1200	404TC	MC6N060-9C	MC6N060-5C	\$10,568
	3600	365TSC	MC2N075-9C	MC2N075-5C	\$8,802
75	1800	365TC	MC4N075-9C	MC4N075-5C	\$9,637
	1200	405TC	MC6N075-9C	MC6N075-5C	\$12,081
100	3600	405TSC	MC2N100-9C	MC2N100-5C	\$12,034
	1800	405TC	MC4N100-9C	MC4N100-5C	\$11,714
100	1200	444TC	MC6N100-9C	MC6N100-5C	\$16,667
	3600	444TSC	MC2N125-9C	MC2N125-5C	\$16,786
125	1800	444TC	MC4N125-9C	MC4N125-5C	\$17,397
	1200	445TC	MC6N125-9C	MC6N125-5C	\$18,989
150	3600	445TSC	MC2N150-9C	MC2N150-5C	\$18,383
	1800	445TC	MC4N150-9C	MC4N150-5C	\$20,056
150	1200	447TC	MC6N150-9C	MC6N150-5C	\$27,147
	3600	447TSC	MC2N200-9C	MC2N200-5C	\$24,530
200	1800	447TC	MC4N200-9C	MC4N200-5C	\$26,178