

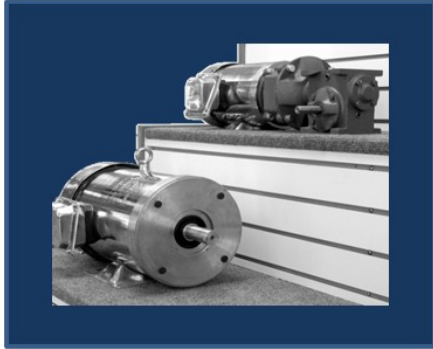
"Ultimate"

NEMA All Stainless Steel Construction AC Motors



Stainless Steel Premium Efficiency, Severe Duty IP-55 TEFC & TENV – for Extreme Applications.

C-Face Foot Mount Single and Three Phase, Foot Mount, 2-4-6 Pole.



- All exterior components are manufactured from 304 stainless steel (motor frame, endshields, fan cover and conduit box)
- Class F insulation system with 1.15 S.F.
- 208-230/460V and 575V
- Double drilled base
- Fully gasketed terminal box
- Inverter duty; per NEMA part 31
- 10:1 VT, 4:1 CT, with spike resistant wire
- Same oversized bearings on both ends
- Full nameplate laser-etched on motor body
- Rubber coated contact seals on both ends, TEFC (drive end of TENV)
- Four quadrant drain holes on C-face to purge condensation or moisture
- CSA and UL approved

CHEMICAL RESISTANCE RATING CHART

CHEMICAL	CONCENTRATION	ALL STAINLESS COMPONENTS
Water:		
De-ionized Boiling	100%	Excellent
Salt (Immersed)	30%	Excellent
Salt (Spray)	5%	Excellent
Tap - 250°F/120°C @ 10,000 PSI	100%	Excellent
Acids:		
Hydrochloric	35%	Poor
Sulfuric	25%	Poor
Nitric	35%	Excellent
Picric	Saturated Solution	Excellent
Base:		
Caustic	100%	Excellent
Caustic	12.5 pH	Excellent
Caustic - 125°F/50°C	9.5 pH	Excellent
Solvents:		
	--	Excellent

1200 RPM BASE/C-FLANGE MOTORS

56C Frame

HP	CATALOG#	VOLTAGE	FRAMES
1/2 HP	Z031	230/460	56C Fr
1/2 HP	Z033	575	56C Fr
3/4 HP	Z041	230/460	56C Fr
3/4 HP	Z043	575	56C Fr
1 HP	Z051	230/460	56C Fr
1 HP	Z053	575	56C Fr
1 1/2 HP	Z071	230/460	56C Fr

Large Frame

HP	CATALOG#	VOLTAGE	FRAMES
1 HP	Z140	230/460	143TC Fr
1 HP	Z193	575	143TC Fr
1 1/2 HP	Z141	230/460	145TC Fr
1 1/2 HP	Z194	575	145TC Fr

1800 RPM BASE/C-FLANGE MOTORS

56C Frame

HP	CATALOG#	VOLTAGE	FRAMES
1/4 HP	Z014	230 / 460	56C Fr
1/4 HP	Z016	575	56C Fr
1/3 HP	Z024	230 / 460	56C Fr
1/3 HP	Z026	575	56C Fr
1/2 HP	Z034	230 / 460	56C Fr
1/2 HP	Z036	575	56C Fr
3/4 HP	Z044	230 / 460	56C Fr
3/4 HP	Z046	575	56C Fr
1 HP	Z054	230 / 460	56C Fr
1 HP	Z056	575	56C Fr
1 1/2 HP	Z074	230 / 460	56C Fr
1 1/2 HP	Z076	575	56C Fr
2 HP	Z084	230 / 460	56C Fr
2 HP	Z086	575	56C Fr
3 HP	Z094	230 / 460	56C Fr
3 HP	Z096	575	56C Fr

Large Frame

HP	CATALOG#	VOLTAGE	FRAMES
1 HP	Z164	230 / 460	143TC Fr
1 HP	Z167	575	143TC Fr
1 1/2 HP	Z165	230 / 460	143TC Fr
1 1/2 HP	Z168	575	143TC Fr
2 HP	Z166	230 / 460	145TC Fr
2 HP	Z169	575	145TC Fr
3 HP	Z125	230 / 460	145TC Fr
3 HP	Z139	575	145TC Fr
3 HP	Z260	230 / 460	182TC Fr
3 HP	Z270	575	182TC Fr
5 HP	Z261	230 / 460	184TC Fr
5 HP	Z271	575	184TC Fr
7 1/2 HP	Z356	230 / 460	213TC Fr
7 1/2 HP	Z364	575	213TC Fr
10 HP	Z357	230 / 460	215TC Fr
10 HP	Z365	575	215TC Fr

3600 RPM BASE/C-FLANGE MOTORS

56C Frame

HP	CATALOG#	VOLTAGE	FRAMES
1/3 HP	Z025	230 / 460	56C Fr
1/3 HP	Z027	575	56C Fr
1/2 HP	Z035	230 / 460	56C Fr
1/2 HP	Z037	575	56C Fr
3/4 HP	Z045	230 / 460	56C Fr
3/4 HP	Z047	575	56C Fr
1 HP	Z055	230 / 460	56C Fr
1 HP	Z057	575	56C Fr
1 1/2 HP	Z075	230 / 460	56C Fr
1 1/2 HP	Z077	575	56C Fr
2 HP	Z095	230 / 460	56C Fr
2 HP	Z097	575	56C Fr

Large Frame

HP	CATALOG#	VOLTAGE	FRAMES
1 HP	Z160	230 / 460	143TC Fr
1 HP	Z151	575	143TC Fr
1 1/2 HP	Z161	230 / 460	143TC Fr
1 1/2 HP	Z152	575	143TC Fr
2 HP	Z162	230 / 460	145TC Fr
2 HP	Z153	575	145TC Fr
3 HP	Z163	230 / 460	145TC Fr
3 HP	Z154	575	145TC Fr
3 HP	Z240	230 / 460	182TC Fr
3 HP	Z272	575	182TC Fr
5 HP	Z241	230 / 460	184TC Fr
5 HP	Z273	575	184TC Fr
7 1/2 HP	Z336	230 / 460	213TC Fr
7 1/2 HP	Z366	575	213TC Fr
10 HP	Z337	230 / 460	215TC Fr
10 HP	Z367	575	215TC Fr



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