



# Elektrim Single and Three Phase 56C Rolled Steel Motors

**Reliable, Long-Lasting and Compact Motor Muscle for Home and Industry**

1/3-3 HP 1PH & 3PH TEFC 60 Hz NEMA AC Foot Mounted and Round Body C-Face Motors

## Features

- Inverter Duty Rated: 3:1CT & 5:1VT (3-Phase only)
- Service Factor: 1.15
- Design: "B"
- Protection Degree: IP55
- Enclosure: TEFC F1 mount
- Warranty: 1-Year
- C-Face with and without feet
- High starting torque
- 3-Phase 208-230/460V
- 3-Phase 380V 50Hz with lower HP output
- 1-Phase 115/230V
- 1-Phase available with and without thermal protection and manual reset
- Rolled steel NEMA frame 56C
- Aluminum alloy cast C-Face
- CSA-US certified and CE marked

## Applications

Energy-saving continuous duty 56C frame motors are designed for applications requiring exceptional value, quality and performance at home and/or in light industries such as machine tools, fans, conveyors and more.



# Maximum Performance in Your Home and Light Industrial Applications

## 1-Phase With or Without Thermal Protection and Manual Reset

Part Number	HP	RPM	Frame	Phase	Volt	HZ	Amps 230V	LRT %	BDT %	LRA %	EFF %	PF %	C DIM	lbs
38CF-1-33-36	1/3	3450	56C	1	115/230	60	2.4	300	180	700	57	82	10.95	23.2
38CF-1-33-18		1720	56C	1	115/230	60	3	280	180	700	60	59	10.95	23.2
38CF-1-50-36	1/2	3450	56C	1	115/230	60	3.1	280	180	700	63	83	10.95	24.3
38CF-1-50-18		1720	56C	1	115/230	60	4	250	180	700	62	65	10.95	24.3
38CF-1-75-36	3/4	3450	56C	1	115/230	60	4.5	280	180	700	64	83	10.95	26.5
38CF-1-75-18		1720	56C	1	115/230	60	4.6	250	180	700	73	71	11.42	31
38CF-1-1-36	1	3450	56C	1	115/230	60	6.2	250	180	700	64	83	11.42	32
38CF-1-1-18		1720	56C	1	115/230	60	6.1	250	180	700	73	73	11.90	36.4
38CF-1-1.5-36	1.5	3450	56C	1	115/230	60	8.7	250	180	700	66	84	11.90	39.7
38CF-1-1.5-18		1720	56C	1	115/230	60	8.4	250	180	700	74	77	12.90	40.8
38CF-1-2-36	2	3450	56HC	1	115/230	60	10.8	250	180	700	72	84	12.90	43
38CF-1-2-18		1720	56HC	1	115/230	60	9	170	170	600	76	95	12.90	43

Round Body part number prefix = 38CR.

Thermal Protection part number suffix = TP. Example: 38CF-1-1-36TP

## 3-Phase

Part Number	HP	RPM	Frame	Phase	Volt	HZ	Amps 460V	LRT %	BDT %	LRA %	EFF %	PF %	C DIM	lbs
38CF-3-33-36	1/3	3400	56C	3	230/460	60	0.65	400	420	700	59	83	10.95	21
38CF-3-33-18		1700	56C	3	230/460	60	0.5	280	320	700	79	81	10.95	20.5
38CF-3-50-36	1/2	3400	56C	3	230/460	60	0.88	400	400	700	62	85	10.95	22.1
38CF-3-50-18		1700	56C	3	230/460	60	0.9	260	280	700	71	75	10.95	21.2
38CF-3-75-36	3/4	3400	56C	3	230/460	60	1.2	380	390	700	69	84	10.95	23.4
38CF-3-75-18		1700	56C	3	230/460	60	1.3	270	320	700	72	76	10.95	22.7
38CF-3-1-36	1	3400	56C	3	230/460	60	1.6	380	370	800	69	85	10.95	25.5
38CF-3-1-18		1700	56C	3	230/460	60	1.7	290	320	700	79	73	10.95	23.6
38CF-3-1.5-36	1.5	3400	56C	3	230/460	60	2.3	390	350	700	72	85	10.95	29.5
38CF-3-1.5-18		1700	56C	3	230/460	60	2.2	280	320	700	83	76	11.50	26
38CF-3-2-36	2	3400	56HC	3	230/460	60	2.7	360	360	900	80	88	11.50	35.3
38CF-3-2-18		1700	56HC	3	230/460	60	2.9	280	330	700	82	80	12.40	31.1
38CF-3-3-36	3	3400	56HC	3	230/460	60	3.8	340	350	800	80	83	12.40	37.5

230/460V suitable at 208V

Round Body part number prefix = 38CR.



## SOLUTIONS TO MEET YOUR NEEDS

2015 S. Mitchell Blvd., Schaumburg, IL 60193

+1-847-524-1074 • 855-463-5358 • Fax +1-847-524-9996

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