

General Purpose, 1-phase (NEMA Service Factor) Drip-proof Motors



Rigid Base



C-Face Footed (Rigid Base)

Rigid Base Features

- Heavy gauge steel frame and base
- Ball bearings (except as noted)
- Economical capacitor start designs
- Service factor, as noted
- UL recognized and CSA certified

C-Face Footed (Rigid Base) Features

- Ball bearings, mechanically locked on shaft end
- NEMA service factors
- Heavy gauge steel frame and base
- Capacitor start, capacitor run design for higher efficiency
- UL recognized and CSA certified

Applications

- Typical uses include machine tools, conveyors, packaging machines, batching machines, food and beverage equipment, pumps, and fans

Motor Shipping Schedule *

Same or one day *	Up to 7 days	Up to 10 days
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Color indicates shipping lead time in business days. Check stock status online.

* Certain heavy and oversized items can be shipped only via LTL. Check our website for current shipping method constraints by part number.

Motor Specifications – General Purpose, 1-phase (NEMA Service Factor), Rigid Base, Drip-proof Motors

Part Number*	Price	HP	Base RPM	Volts	Service Factor	Encl.	NEMA Design	NEMA Frame	Model No.	Weight (lb)*	Notes	Drawing Links	
Rigid Base													
4354		1/4	1800	115	1.35	DP	N/A**	48	5KH39QN9538	13	–	PDF	
4362			1800	115			N/A**	48	5KH39QN9686X	13	Auto Overload	PDF	
C147A			1800	115 / 230			N	48	048B17D11005	17	Suitable for 208VAC @ 60Hz	PDF	
C158A		1/3	1800	115 / 230	1.35 @ 60Hz 1.0 @ 50Hz		N	56	056B17D11019	21		PDF	
G1098A		1/2	3600	115 / 230	1.25		N	48	048B34D11003	20		PDF	
C167A			1800	115 / 230			N	56	056B17D11018	23		PDF	
G915A		3/4	3600	115 / 230			N	56	056B34D11019	25		PDF	
C175A			1800	115 / 230			B	56	056B17D15545	42		PDF	
C179A		1	3600	115 / 230			B	56	056B34D11014	30		PDF	
C188A		1	1800	115 / 208-230			1.15	B	143T	143C17DRR40001A1	31	–	PDF
G937A		1-1/2	3600	115 / 230				N	56	056B34D11012	35	Suitable for 208VAC @ 60Hz	PDF
C191		1-1/2	1800	115 / 208-230	N/A**			145T	5KCR49SN0065	35	N/A**	PDF	
C185A		1-1/2	1800	115 / 230	B			56H	056B17D15548	45	Suitable for 208VAC @ 60Hz	PDF	
C187A		2	3600	115 / 230	N/A**			56	056B34D11011	38	Suitable for 208VAC @ 60Hz	PDF	
C193A		2	1800	115 / 230	N/A**			56HZ***	056B17D15555	50	Suitable for 208VAC @ 60Hz	PDF	
I127		2	1800	115 / 208-230	L			145T	145TBDR5337	48	Manual Overload	PDF	
C194		3	3600	115 / 230	N/A**			145T	5KCR48TN8062	38	N/A**	PDF	
C-Face Footed (Rigid Base)													
E261A		1/2	1800	100 - 120 / 200 - 240	1.25	DP	N/A**	56C	056B17D11029	25	Auto Overload	PDF	
E268A		3/4		100 - 120 / 200 - 240			1.15		N	056B17DRR70008A1	35	Manual Overload	PDF
EG277A		1		100 / 240 & 100 - 120 / 200 - 240	056B17DRR70019A1					35	Manual Overload	PDF	

* Refer to the Motor Shipping Schedule table for shipping information.

Certain heavy and oversized items can be shipped only via LTL. Check our website for current shipping method constraints by part number.

** Data not available from manufacturer.

*** Base of 56HZ frame motors has holes and slots to match NEMA 56, 56H, 143T, and 145T mounting dimensions.

Note: Please review the AutomationDirect Terms & Conditions for warranty and service for this product. Warranty service can be arranged through numerous Marathon Electric service centers. See list of service centers on our website at www.automationdirect.com

General Purpose, 1-phase (NEMA Service Factor) Drip-proof Motors

Performance Data - General Purpose, 1-phase (NEMA Service Factor) Drip-proof Motors											
Part Number	HP	F.L. RPM	Current @ 115V/230V (Amps)			Torque (lb-ft)			F.L. Effic. %	F.L. Power Factor	Rotor Inertia (lb-ft ²)
			No Load 230V	Full Load 115/230V	Locked Rotor	Full Load	Locked Rotor	Break-down			
4354	1/4	1725	4.54	5.1	30.2 / 15.1	0.75	1.20	2.02	57.5	59.5	0.0546
4362	1/4	1725	4.54	5.1	30.2 / 15.1	0.75	1.20	2.02	52.5	59.5	0.0546
C147A	1/4	1745	0.5	2.4 / 1.2	21.4 / 10.7	0.75	2.54	1.94	68.5	92.7	0.0413
C158A	1/3	1725	1.2	3.8 / 1.9	28.4 / 14.2	1.00	3.63	2.72	72.4	79	0.0497
G1098A	1/2	3450	0.6	4.4 / 2.2	42.3 / 21.2	0.76	2.08	2.13	72.4	98	0.0218
C167A	1/2	1725	0.9	4.6 / 2.3	35.4 / 17.7	1.53	4.73	3.78	76.2	91.6	0.0609
E261A	1/2	1725	0.9	4.4 / 2.2	33.9 / 17	1.53	4.75	3.78	76.2	91.6	0.0609
G915A	3/4	3450	1.4	7.2 / 3.6	57.5 / 28.8	1.14	3.38	3.19	76.2	89.2	0.0255
C175A	3/4	1725	1.0	6.0 / 3.3	61.2 / 30.6	3.00	9.50	8.27	81.8	97.2	0.0748
E268A	3/4	1725	1.3	8.8 / 4.4	60.4 / 30.2	2.28	8.61	7.24	81.8	88	0.0309
C179A	1	3450	0.9	8.8 / 4.4	50 / 25	1.50	3.6	4.5	80.4	99	0.0321
C188A	1	1725	4.7	13.4 / 6.7	77.1 / 38.6	3.01	9.14	7.58	72	67.8	0.0884
EG277A	1	1725	1.1	8.8 / 4.4	68.4 / 34.2	3.00	8.94	7.99	82.6	96	0.0309
G937A	1-1/2	3450	2.7	13.6 / 6.8	112 / 56	2.25	4.56	8.25	81.5	93.4	0.0369
C191	1-1/2	1725	6.0	18.2 / 9.1	50.6	4.53	11.99	11.60	72	76.5	0.1015
C185A	1-1/2	1725	1.7	12.6 / 6.3	97.4 / 48.7	4.50	13.13	11.88	82.5	94.3	0.1491
C187A	2	3450	3.2	17.8 / 8.9	84.6 / 42.3	2.22	4.67	4.94	82.9	91.9	0.0394
C193A	2	1725	3.7	17.6 / 8.8	130 / 65	6.00	17.63	17.94	84.5	90.2	0.1696
I127	2	1740	3.9	18.8 / 9.4	127 / 63.5	6.02	15.90	14.90	81.5	86.1	0.1546
C194	3	3450	8.4	29.4 / 14.7	181.2 / 90.6	4.50	8.2	10.9	77	82	0.0530

* Maximum Constant HP RPM is for direct-coupled loads.