

marathon® Motors General Purpose, 1-phase, Totally Enclosed, 4-in-1® Motors



C-Face Footed (Removable Base)

Features

- Double-sealed ball bearings, mechanically locked on shaft ends
- Heavy gauge steel construction
- Bolt-on, removable rigid base
- Suitable for horizontal or vertical mounting
- Capacitor start/capacitor run design for higher efficiency
- 1.15 Service Factor (except as noted)
- Will accept brake kits (available from Marathon)
- Will accept drip cover kits (available from Marathon)
- 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

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, Totally Enclosed, 4-in-1 Motors

Part Number*	Price	HP	Base RPM	Volts	Service Factor	Encl.	NEMA Design	NEMA Frame	Model No.	Weight (lb)*	Drawing Links
G570	\$333.00	1/3	1800	115 / 208-230 // 110 / 220	1.15	TEFC	N	56C	056C17F5320	17	PDF
D311	\$275.00	1/2	3600	115 / 208-203					056C34F5301	22	PDF
G571	\$381.00		1800						056C17F5321	24	PDF
D312	\$336.00	3/4	3600	115 / 208-230					056C34F5302	27	PDF
G572	\$459.00		1800	115 / 208-230 // 110 / 220					056C17F5322	30	PDF
D313	\$405.00	1	3600	115 / 208-230					056C34F5303	30	PDF
G573	\$472.00		1800	115 / 208-230 // 110 / 220				56HC	056C17F5323	31	PDF
D314	\$488.00	1-1/2	3600	115 / 208-230				56C	056B34F5326	32	PDF
G574	\$542.00		1800	115 / 208-230 // 110 / 220				56HC	056B17F5305	40	PDF
D315	\$592.00	2	3600	115 / 208-230					056B34F5327	37	PDF
G575	\$696.00		1800	115 / 208-230 // 110 / 220	1.0				056B17F5306	51	PDF
D316	\$783.00	3	3600	208-230	1.15						

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

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Note: Please review the AutomationDirect Terms & Conditions for warranty and service on 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.

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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			
<u>G570</u>	1/3	1725	2.8	6.6 / 3.3	32.4 / 16.2	1.00	3.48	2.79	68.5	60	N/A*
<u>D311</u>	1/2	3450	3.2	8.4 / 4.2	49 / 24.5	0.75	2.81	2.22	59.5	70	
<u>G571</u>	1/2	1725	3.5	8.8 / 4.4	42.6 / 21.3	1.51	5.24	4.52	66	58	
<u>D312</u>	3/4	3450	3.7	10.6 / 5.3	69.4 / 34.7	1.13	3.73	3.38	66	71.9	
<u>G572</u>	3/4	1725	3.8	11 / 5.5	61 / 30.5	2.25	8.31	6.12	70.5	71	
<u>D313</u>	1	3450	3.1	11.2 / 5.6	81.8 / 40.9	1.49	4.95	4.22	78.5	76	
<u>G573</u>	1	1725	4.4	13.4 / 6.7	69.4 / 34.7	3.02	9.06	7.63	72	69.5	
<u>D314</u>	1-1/2	3450	2.6	14.2 / 7.1	96 / 48	2.24	5.2	6.0	78.5	87.5	
<u>G574</u>	1-1/2	1725	4.1	15.2 / 7.6	107.6 / 53.8	4.51	14.8	12.4	80	80	
<u>D315</u>	2	3450	2.1	19.2 / 9.6	122.6 / 61.3	2.98	7.37	7.73	79	98.3	
<u>G575</u>	2	1725	4.9	20 / 10	136 / 68	6.02	19.4	15.7	80	81	
<u>D316</u>	3	3450	2.6	13.1 -11.8**	91	4.46	8.46	13.2	84	99.2	

* Data not available from manufacturer

** 208-230V (Amps)