

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	\$043qp:	1/3	1800	115 / 208-230 // 110 / 220	1.15	TEFC	N	56C	056C17F5320	17	PDF	
D311	\$043qq:	1/2	3600	115 / 208-203					056C34F5301	22	PDF	
G571	\$043qs:		1800							056C17F5321	24	PDF
D312	\$,043qt:	3/4	3600	115 / 208-230					056C34F5302		27	PDF
G572	\$043qu:		1800	115 / 208-230 // 110 / 220						056C17F5322	30	PDF
D313	\$043qv:		3600	115 / 208-230							056C34F5303	30
G573	\$043qx:	1	1800	115 / 208-230 // 110 / 220				56HC	056C17F5323	31		PDF
D314	\$043qy:	1-1/2	3600	115 / 208-230				56C	056B34F5326	32	PDF	
G574	\$043qz:		1800	115 / 208-230 // 110 / 220				56HC	056B17F5305	40	PDF	
D315	\$,043qj:	2	3600	115 / 208-230					056B34F5327	37	PDF	
G575	\$,043ql:		1800	115 / 208-230 // 110 / 220	1.0				056B17F5306	51	PDF	
D316	\$043q_:	3	3600	208-230	1.15						056B34F5328	50

* 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.

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)