

marathon®
Motors

C-Face Footed (Rigid
and Removable Base)



XRI® 4N1 General Purpose, 3-Phase, Totally Enclosed Motors

Features

- Meets or exceeds all NEMA Premium efficiencies, except as noted
- Ball bearings, mechanically locked on shaft end
- 1.15 Service factor, except as noted
- Class F insulation, except as noted
- Rated 60/50 hertz, 190/380 or 380 volt, at next lower horsepower, as noted
- Rolled steel 56-145T frame motors except brake kits. See Accessories section.
- UL recognized, CSA certified and CE mark
- 4N1 Motor features include:
 - CR200 corona-resistant magnet wire
 - Bolt-on, removable rigid base
 - Suitable for horizontal and vertical mounting
 - Will accept drip cover kits (available from Marathon)

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 – XRI 4N1 General Purpose, 3-Phase, Totally Enclosed Motors

Part Number*	Price	HP	Base RPM	Volts	Encl.	NEMA Design	NEMA Frame	Model No.	F.L. Amps	Weight (lb)*	Footnotes	Dawing Links
D390		1/3	3600	208-230 / 460	TENV	B	56C	056T34T5303	1.6-1.8 / 0.9	20	4N1 Motor NOT NEMA Premium	PDF
G580		1/3	1800	208-230 / 460				056T17T5305	1.8-1.6 / 0.8	20		PDF
D391		1/2	3600	208-230 / 460	TEFC			056T34F5301	2-2.2/1.1	22		PDF
G581		1/2	1800	208-230 / 460				056T17F5321	2.3-2.4/1.2	24		PDF
K705		1/2	1800	575				056T17F5336	0.95	23		PDF
D392		3/4	3600	208-230 / 460				056T34F5302	3-3.2 / 1.6	23		PDF
G582		3/4	1800	208-230 / 460				056T17F5322	2.9-3 / 1.5	40		PDF
K707		3/4	1800	575				056T17F5337	1.2	24		PDF

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Footnotes: The following part numbers are 4N1 motors; they are NOT NEMA Premium: D390, G580, D391, G581, K705, D392, G582, and K707.

Notes: 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*	Price	HP	Base RPM	Volts	Encl.	NEMA Design	NEMA Frame	Model No.	F.L. Amps	Weight (lb)*	Footnotes	Drawing Links
D393A		1	3600	230 / 460**	TEFC	B	56C	056T34F99008	3.0-1.5	26	**Motors rated 230/460 are suitable for 208V @ 60Hz	PDF
K708A		1	3600	575		B	56C	056T34F99010	1.2	24		PDF
G583A		1	1800	230 / 460**			56HC	056T17F15639	3.3 / 1.65	42		PDF
K709A		1	1800	575			56HC	056T17F15642	1.3	42		PDF
D394A		1-1/2	3600	230 / 460			56C	056T34F99017	3.15	48		PDF
K721A		1-1/2	3600	575			56C	056T34F99020	1.6	37		PDF
G584A		1-1/2	1800	230 / 460**			56HC	056T17F15641	4.6 / 2.3	45		PDF
D395A		2	3600	230 / 460**			56HC	056T34F99012	5 / 2.5	45		PDF
G585A		2	1800	230 / 460**			56HC	056T17F15640	6.0/3.0	48		PDF
K724A		2	1800	575			56HC	056T17F15644	2.4	48		PDF
D396A		3	3600	230 / 460**			56HC	056T34F99014	7.6 / 3.8	52		PDF
K725A		3	3600	575		A	56HC	056T34F15593	3.05	46	4N1 Motor	PDF
C383B		3	1800	575		B	182TC	182TTFW16027	3.2	75		PDF
C387B		5	1800	575			184TC	184TTFW16029	5.1	87		PDF
C389B		7-1/2	3600	208-230 / 460			213TCV	213TTFW16008	19.7-18.6/9.3	100		PDF
C390B		7-1/2	1800	208-230 / 460			213TC	213TTFW16035	20.8-19.6/9.8	146		PDF
C391B		7-1/2	1800	575			213TCV	213TTFW16036	7.9	157		PDF
C392B		10	3600	208-230 / 460			215TC	215TTFW16005	25.9-23.6 / 11.8	139		PDF

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Footnotes: The following part numbers are 4N1 motors; they are NOT NEMA Premium: [D390](#), [G580](#), [D391](#), [G581](#), [K705](#), [D392](#), [G582](#), and [K707](#).

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XRI[®] 4N1 General Purpose, 3-Phase, Totally Enclosed Motors

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Performance Data - XRI 4N1 General Purpose, 3-Phase, Totally Enclosed Motors											
Part Number	HP	F.L. RPM	Current (Amps)			Torque (lb-ft)			F.L. Effic. %	F.L. Power Factor	Rotor Inertia (lb-ft ²)
			No Load	Full Load	Locked Rotor	Full Load	Locked Rotor	Break-down			
<u>D390</u>	1/3	3450	0.7	0.9	8.0	0.5	2.5	3.8	65	56	0.022
<u>G580</u>	1/3	1725	0.5	0.8	5.0	1.0	4.3	5.3	68	61.9	0.04
<u>D391</u>	1/2	3450	0.7	1.1	8.0	0.76	3.0	3.8	66	69.7	0.02
<u>G581</u>	1/2	1725	0.9	1.2	7.0	1.5	6.2	7.2	72	53	0.05
<u>K705</u>	1/2	1725	0.7	0.95	5.6	1.5	6.2	7.2	72.1	53.3	0.05
<u>D392</u>	3/4	3450	1	1.6	11.5	1.14	4.0	5.6	74	69.1	0.023
<u>G582</u>	3/4	1725	1	1.5	9.8	2.28	8.2	10	75.5	66.3	0.07
<u>K707</u>	3/4	1725	0.8	1.2	7.8	2.28	8.2	10	75.5	66.3	0.07
<u>D393A</u>	1	3485	0.75	1.5	1.50	1.50	3.2	4.8	78.5	79.1	0.02
<u>K708A</u>	1	3450	0.6	1.2	8.0	1.50	3.2	4.8	78.5	79.1	0.023
<u>G583A</u>	1	1725	1.15	1.65	17	3.0	13.7	16.8	85.5	68	0.12
<u>K709A</u>	1	1725	0.9	1.3	13.6	3.0	13.7	16.8	85.5	68	0.12
<u>D394A</u>	1-1/2	3515	0.9	1.5	19.4	2.20	7.3	9.6	84	83.5	0.05
<u>K721A</u>	1-1/2	3450	0.7	1.6	15.5	2.2	7.3	9.6	84	83.5	0.045
<u>G584A</u>	1-1/2	1725	1.5	2.3	24	4.5	21.2	26	86.5	71	0.14
<u>D395A</u>	2	3500	1.0	2.5	21.7	3.0	9.5	12.2	85.5	86	0.07
<u>G585A</u>	2	1725	1.9	3.0	30.5	6.0	24.5	33.2	86.5	71	0.14
<u>K724A</u>	2	1725	1.5	2.4	24.4	6.0	24.5	33.2	86.5	71	0.14
<u>D396A</u>	3	3450	1.7	3.8	36.9	4.5	17.29	22.7	87.5	84	0.045
<u>K725A</u>	3	3450	1.4	3.05	29.5	4.5	17.29	22.7	87.5	84	0.045
<u>C383B</u>	3	1760	1.5	3.2	27	8.9	22	35.2	89.5	80.5	0.38
<u>C387B</u>	5	1760	1.92	5.1	39.2	14.9	30.1	50.2	89.5	83.1	0.485
<u>C389B</u>	7-1/2	3525	4.1	9.3	63	11.2	19.3	33	89.5	84.6	0.55
<u>C390B</u>	7-1/2	1765	4.9	9.8	67.5	22.3	52.9	75	91.7	78.3	0.85
<u>C391B</u>	7-1/2	1765	3.9	7.9	54.0	22.3	52.9	75	91.7	78.3	0.85
<u>C392B</u>	10	3525	4.4	11.8	79.5	14.9	27.7	47.1	90.2	87.9	0.55