

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	\$-043sl:	1/3	3600	208-230 / 460	TENV	B	56C	056T34T5303	1.6-1.8 / 0.9	20	4N1 Motor NOT NEMA Premium	PDF
G580	Retired	1/3	1800	208-230 / 460				056T17T5305	1.8-1.6 / 0.8	20		PDF
D391	Retired	1/2	3600	208-230 / 460				056T34F5301	2-2.2/1.1	22		PDF
G581	\$043q?:	1/2	1800	208-230 / 460	TEFC			056T17F5321	2.3-2.4/1.2	24		PDF
K705	\$;043q,:	1/2	1800	575				056T17F5336	0.95	23		PDF
D392	Retired	3/4	3600	208-230 / 460				056T34F5302	3-3.2 / 1.6	23		PDF
G582	\$043s1:	3/4	1800	208-230 / 460				056T17F5322	2.9-3 / 1.5	40		PDF
K707	\$043sp:	3/4	1800	575				056T17F5337	1.2	24		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.

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.

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

C-Face Footed (Rigid and Removable Base)

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	Drawing Links
D393A	\$043s2:	1	3600	230 / 460**	TEFC	B	56C	056T34F99008	3.0-1.5	26	**Motors rated 230/460 are suitable for 208V @ 60Hz 4N1 Motor	PDF
K708A	Retired	1	3600	575		B	56C	056T34F99010	1.2	24		PDF
G583A	\$043s3:	1	1800	230 / 460**			56HC	056T17F15639	3.3 / 1.65	42		PDF
K709A	Retired	1	1800	575			56HC	056T17F15642	1.3	42		PDF
D394A	\$043s4:	1-1/2	3600	230 / 460			56C	056T34F99017	3.15	48		PDF
K721A	\$043st:	1-1/2	3600	575			56C	056T34F99020	1.6	37		PDF
G584A	\$043s5:	1-1/2	1800	230 / 460**			56HC	056T17F15641	4.6 / 2.3	45		PDF
D395A	\$043s6:	2	3600	230 / 460**			56HC	056T34F99012	5 / 2.5	45		PDF
G585A	\$043s7:	2	1800	230 / 460**			56HC	056T17F15640	6.0/3.0	48		PDF
K724A	Retired	2	1800	575			56HC	056T17F15644	2.4	48		PDF
D396A	Retired	3	3600	230 / 460**			56HC	056T34F99014	7.6 / 3.8	52		PDF
K725A	Retired	3	3600	575		A	56HC	056T34F15593	3.05	46		PDF
C383B	Retired	3	1800	575		B	182TC	182TTFW16027	3.2	75		PDF
C387B	Retired	5	1800	575			184TC	184TTFW16029	5.1	87		PDF
C389B	Retired	7-1/2	3600	208-230 / 460			213TCV	213TTFW16008	19.7-18.6/9.3	100		PDF
C390B	Retired	7-1/2	1800	208-230 / 460			213TC	213TTFW16035	20.8-19.6/9.8	146		PDF
C391B	Retired	7-1/2	1800	575			213TCV	213TTFW16036	7.9	157		PDF
C392B	Retired	10	3600	208-230 / 460			215TC	215TTFW16005	25.9-23.6 / 11.8	139		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.

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.

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

C-Face Footed (Rigid and Removable Base)

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