

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

C-Face Footed (Rigid and Removable Base)

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
D390		1/3	3600	208-230 / 460	TENV	B	56C	056T34T5303	1.6-1.8 / 0.9	20	4N1 Motor NOT NEMA Premium
G580		1/3	1800	208-230 / 460				056T17T5305	1.8-1.6 / 0.8	20	
K703		1/3	1800	575				056T17T5316	0.64	20	
D391		1/2	3600	208-230 / 460	TEFC			056T34F5301	2-2.2/1.1	22	
G581		1/2	1800	208-230 / 460				056T17F5321	2.3-2.4/1.2	24	
K705		1/2	1800	575				056T17F5336	0.95	23	
D392		3/4	3600	208-230 / 460				056T34F5302	3-3.2 / 1.6	23	
G582		3/4	1800	208-230 / 460				056T17F5322	2.9-3 / 1.5	40	
K707		3/4	1800	575	056T17F5337			1.2	24		

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

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Footnotes: The following part numbers are 4N1 motors; they are NOT NEMA Premium: [D390](#), [G580](#), [K703](#), [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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(table continued from previous page)

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Part Number*	Price	HP	Base RPM	Volts	Encl.	NEMA Design	NEMA Frame	Model No.	F.L. Amps	Weight (lb)*	Footnotes	
D393A		1	3600	230 / 460**	TEFC	B	56C	056T34F99008	3.0-1.5	26	**Motors rated 230/460 are suitable for 208V @ 60Hz 4N1 Motor	
K708A		1	3600	575			56C	056T34F99010	1.2	24		
G583A		1	1800	230 / 460**			56HC	056T17F15639	3.3 / 1.65	42		
K709A		1	1800	575			56HC	056T17F15642	1.3	42		
D394A		1-1/2	3600	230 / 460			56C	056T34F99017	3.15	48		
K721A		1-1/2	3600	575			56C	056T34F99020	1.6	37		
G584A		1-1/2	1800	230 / 460**			56HC	056T17F15641	4.6 / 2.3	45		
K722A		1-1/2	1800	575			56HC	056T17F15645	1.85	45		
D395A		2	3600	230 / 460**			56HC	056T34F99012	5 / 2.5	45		
G585A		2	1800	230 / 460**			56HC	056T17F15640	6.0/3.0	48		
K724A		2	1800	575			56HC	056T17F15644	2.4	48		
D396A		3	3600	230 / 460**			56HC	056T34F99014	7.6 / 3.8	52		
K725A		3	3600	575			A	56HC	056T34F15593	3.05		46
G590A		3	1800	230 / 460				182TC	182TTFW16045	7.8 / 3.9		83
C382B		3	1800	230 / 460**				182TC	182TTFW16030	7.8 / 3.9		75
C383B		3	1800	575				182TC	182TTFW16027	3.2		75
C387B		5	1800	575				184TC	184TTFW16029	5.1		87
C389B		7-1/2	3600	208-230 / 460			B	213TCV	213TTFW16008	19.7-18.6/9.3		100
C390B		7-1/2	1800	208-230 / 460				213TC	213TTFW16035	20.8-19.6/9.8		146
C391B		7-1/2	1800	575				213TCV	213TTFW16036	7.9		157
C392B		10	3600	208-230 / 460				215TC	215TTFW16005	25.9-23.6 / 11.8		139

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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			
D390	1/3	3450	0.7	0.9	8.0	0.5	2.5	3.8	65	56	0.022
G580	1/3	1725	0.5	0.8	5.0	1.0	4.3	5.3	68	61.9	0.04
K703	1/3	1725	0.4	0.64	4.0	1.0	4.3	5.3	68	61.9	0.04
D391	1/2	3450	0.7	1.1	8.0	0.76	3.0	3.8	66	69.7	0.02
G581	1/2	1725	0.9	1.2	7.0	1.5	6.2	7.2	72	53	0.05
K705	1/2	1725	0.7	0.95	5.6	1.5	6.2	7.2	72.1	53.3	0.05
D392	3/4	3450	1	1.6	11.5	1.14	4.0	5.6	74	69.1	0.023
G582	3/4	1725	1	1.5	9.8	2.28	8.2	10	75.5	66.3	0.07
K707	3/4	1725	0.8	1.2	7.8	2.28	8.2	10	75.5	66.3	0.07
D393A	1	3485	0.75	1.5	1.50	1.50	3.2	4.8	78.5	79.1	0.02
K708A	1	3450	0.6	1.2	8.0	1.50	3.2	4.8	78.5	79.1	0.023
G583A	1	1725	1.15	1.65	17	3.0	13.7	16.8	85.5	68	0.12
K709A	1	1725	0.9	1.3	13.6	3.0	13.7	16.8	85.5	68	0.12
D394A	1-1/2	3515	0.9	1.5	19.4	2.20	7.3	9.6	84	83.5	0.05
K721A	1-1/2	3450	0.7	1.6	15.5	2.2	7.3	9.6	84	83.5	0.045
G548A	1-1/2	1725	1.5	2.3	24	4.5	21.2	26	86.5	71	0.14
K722A	1-1/2	1725	1.2	1.85	19.2	4.5	21.2	26	86.5	71	0.14
D395A	2	3500	1.0	2.5	21.7	3.0	9.5	12.2	85.5	86	0.07
G585A	2	1725	1.9	3.0	30.5	6.0	24.5	33.2	86.5	71	0.14
K724A	2	1725	1.5	2.4	24.4	6.0	24.5	33.2	86.5	71	0.14
D396A	3	3450	1.7	3.8	36.9	4.5	17.29	22.7	87.5	84	0.045
K725A	3	3450	1.4	3.05	29.5	4.5	17.29	22.7	87.5	84	0.045
G590A	3	1770	1.9	3.9	33.5	8.9	22.5	36	89.5	80.5	0.38
C382B	3	1770	1.9	3.9	33.5	8.9	22.5	36	89.5	80.5	0.38
C383B	3	1760	1.5	3.2	27	8.9	22	35.2	89.5	80.5	0.38
C387B	5	1760	1.92	5.1	39.2	14.9	30.1	50.2	89.5	83.1	0.485
C389B	7-1/2	3525	4.1	9.3	63	11.2	19.3	33	89.5	84.6	0.55
C390B	7-1/2	1765	4.9	9.8	67.5	22.3	52.9	75	91.7	78.3	0.85
C391B	7-1/2	1765	3.9	7.9	54.0	22.3	52.9	75	91.7	78.3	0.85
C392B	10	3525	4.4	11.8	79.5	14.9	27.7	47.1	90.2	87.9	0.55

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Dimensions
in [mm]

Figure 1 - Part #: D390, G580, K703

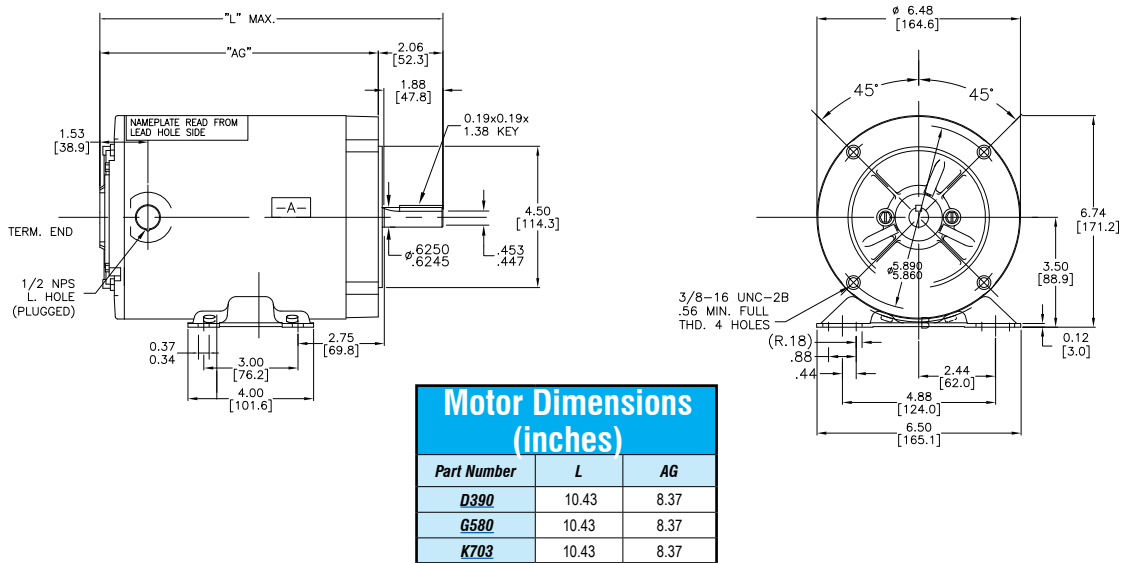
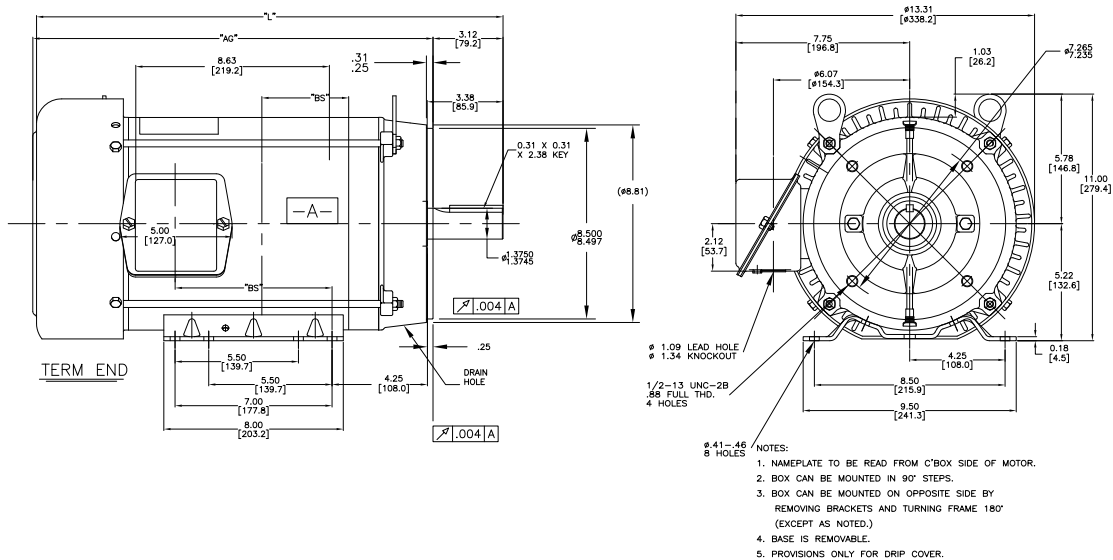


Figure 2 - Part #: C389B, C390B, C391B, C392B



See our website: www.AutomationDirect.com for complete engineering drawings.

