

**marathon**<sup>®</sup>  
Motors

C-Face Footed (Rigid  
and Removable Base)



# XRI<sup>®</sup> 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	Drawing Links	
<a href="#">K705</a>		1/2	1800	575	TEFC	B	56C	056T17F5336	0.95	23	4N1 Motor NOT NEMA Premium	<a href="#">PDF</a>	
<a href="#">G582</a>		3/4	1800	208-230 / 460				056T17F5322	2.9-3 / 1.5	40		<a href="#">PDF</a>	
<a href="#">K707</a>		3/4	1800	575				056T17F5337	1.2	24		<a href="#">PDF</a>	
<a href="#">D393A</a>		1	3600	230 / 460**				056T34F99008	3.0-1.5	26	**Motors rated 230/460 are suitable for 208V @ 60Hz	<a href="#">PDF</a>	
<a href="#">D394A</a>		1-1/2	3600	230 / 460				056T34F99017	3.15	48		<a href="#">PDF</a>	
<a href="#">K721A</a>		1-1/2	3600	575				056T34F99020	1.6	37		<a href="#">PDF</a>	
<a href="#">G584A</a>		1-1/2	1800	230 / 460**				56HC	056T17F15641	4.6 / 2.3		45	<a href="#">PDF</a>
<a href="#">D395A</a>		2	3600	230 / 460**				56HC	056T34F99012	5 / 2.5	45	<a href="#">PDF</a>	
<a href="#">G585A</a>		2	1800	230 / 460**				56HC	056T17F15640	6.0/3.0	48	4N1 Motor	<a href="#">PDF</a>

\* 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: K705, 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](http://www.automationdirect.com).

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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 <sup>2</sup> )
			No Load	Full Load	Locked Rotor	Full Load	Locked Rotor	Break-down			
<a href="#">K705</a>	1/2	1725	0.7	0.95	5.6	1.5	6.2	7.2	72.1	53.3	0.05
<a href="#">G582</a>	3/4	1725	1	1.5	9.8	2.28	8.2	10	75.5	66.3	0.07
<a href="#">K707</a>	3/4	1725	0.8	1.2	7.8	2.28	8.2	10	75.5	66.3	0.07
<a href="#">D393A</a>	1	3485	0.75	1.5	1.50	1.50	3.2	4.8	78.5	79.1	0.02
<a href="#">D394A</a>	1-1/2	3515	0.9	1.5	19.4	2.20	7.3	9.6	84	83.5	0.05
<a href="#">K721A</a>	1-1/2	3450	0.7	1.6	15.5	2.2	7.3	9.6	84	83.5	0.045
<a href="#">G584A</a>	1-1/2	1725	1.5	2.3	24	4.5	21.2	26	86.5	71	0.14
<a href="#">D395A</a>	2	3500	1.0	2.5	21.7	3.0	9.5	12.2	85.5	86	0.07
<a href="#">G585A</a>	2	1725	1.9	3.0	30.5	6.0	24.5	33.2	86.5	71	0.14