

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	Drawing Links
K705		1/2	1800	575	TEFC	B	56C	056T17F5336	0.95	23	4N1 Motor NOT NEMA Premium	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
D393A		1	3600	230 / 460**				056T34F99008	3.0-1.5	26	**Motors rated 230/460 are suitable for 208V @ 60Hz	PDF
D394A		1-1/2	3600	230 / 460				056T34F99017	3.15	48		PDF
K721A		1-1/2	3600	575				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	4N1 Motor	PDF
G585A		2	1800	230 / 460**			56HC	056T17F15640	6.0/3.0	48		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: 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.

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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			
K705	1/2	1725	0.7	0.95	5.6	1.5	6.2	7.2	72.1	53.3	0.05
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
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
G584A	1-1/2	1725	1.5	2.3	24	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