marathon®

Brake Motors

Model No: 194226.00
Catalog No: 194226.00

Brake Motor, 4 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 112M Frame, TEFC

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Product Information Packet: Model No: 194226.00, Catalog No: 194226.00 Brake Motor, 4 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 112M Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**4 Hp**
Output KW	**3.0 kW**	Voltage	**230/460 V**
Speed	**1760 r/min**	Service Factor	**1.15**
Frame	**112M**	Enclosure	**Totally Enclosed Fan Cooled**
Thermal Protection	**No Protection**	Efficiency	**89.5 %**
Ambient Temperature	**40 °C**	Frequency	**60 Hz**
Current	**10.6/5.3 A**	Power Factor	**80**
Duty	**Continuous**	Insulation Class	**F**
Design Code	**NO DESIGN CODE**	KVA Code	**K**
Drive End Bearing Size	**6206**	Opp Drive End Bearing Size	**6206**
UL	**Recognized**	CSA	**Y**
CE	**Y**	IP Code	**55**
Number of Speeds	**1**		

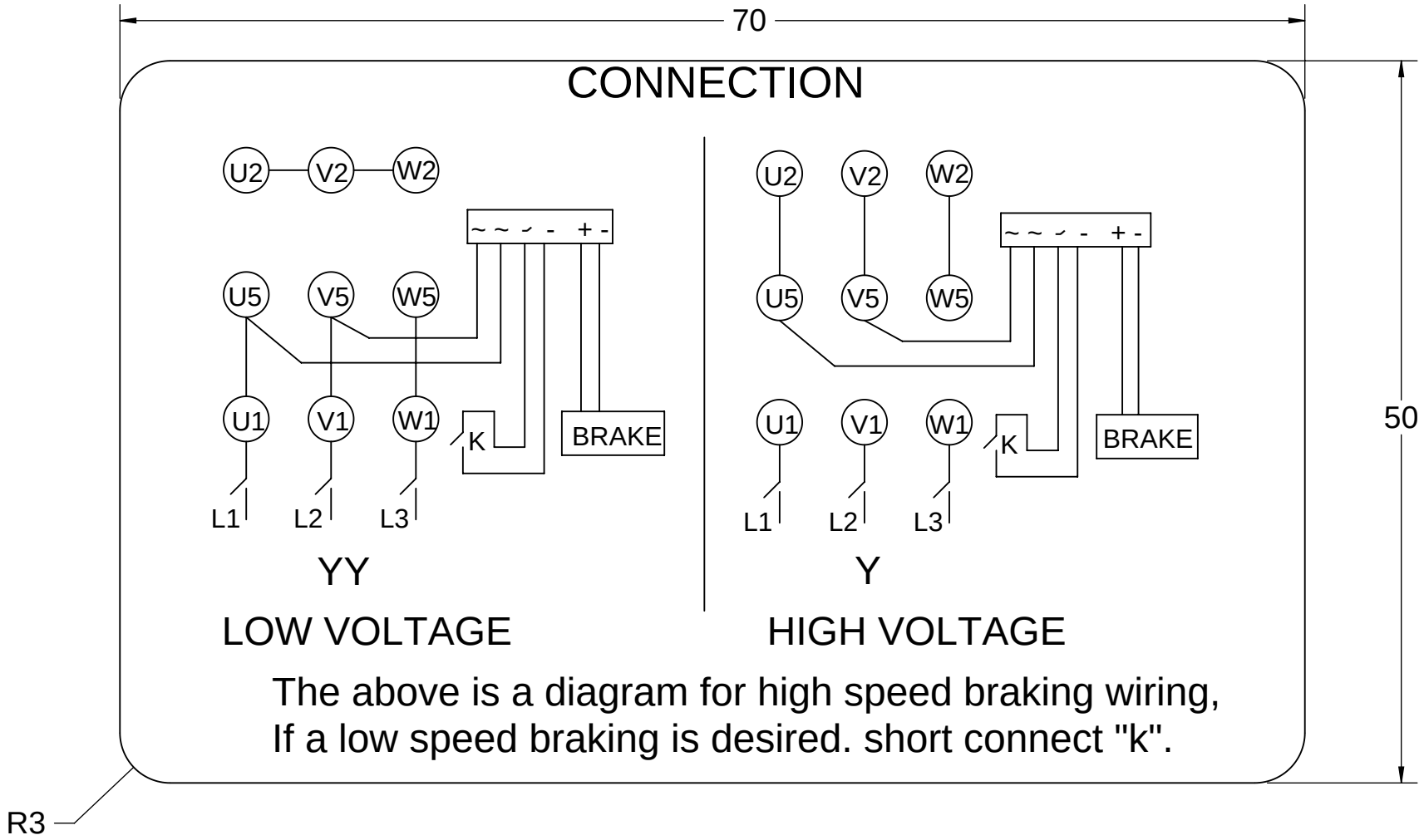
Technical Specifications

Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Across The Line**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**0 O**	Mounting	**B3**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**IEC**	Overall Length	**19.09 in**
Frame Length	**6.85 in**	Shaft Diameter	**1 1/9 in**
Shaft Extension	**2.36 in**	Assembly/Box Mounting	**F3**

Drawings

Connection Drawing	**8442000575**	Outline Drawing	**0G11200531**

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NOTES:

1. Characters, marks and lines are black
2. CONNECTION, LOW VOLTAGE, HIGH VOLTAGE, YY, Y size 2.5, other letters size 1.8

DRAWING REVISION: B	REVISION BY: SB	REV DATE/© DATE: 06/04/2026	PRIMARY DIMENSIONS ARE mm INCH DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY: Wu Shunrul	marathon™
REQUEST NUMBER: CR-0026504	APPROVED BY: RMS	DATE: 06/04/2026		DATE: 13/06/2016	
REQUEST NUMBER DESCRIPTION: RE-DRAWN IN SOLIDWORKS				APPROVED BY: SBD	DESCRIPTION: CONNECTION DIAGRAM
				DATE: 1306/2016	
				REFERENCE	MATERIAL: Coated paper (Adhesive sticker) / PROCESS/FINISH
				THIRD ANGLE PROJECTION	SIZE: A / DRAWING NUMBER: 8442000575 / SHEET: 1 OF 1

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