

PRODUCT INFORMATION PACKET



Model No: 194227.00
Catalog No: 194227.00
5.50 HP Definite Purpose AC, 3 phase, 1800 RPM, 230/460 V, 112M Frame, TEFC
IEC Definite Purpose AC Brake Motors



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Nameplate Specifications

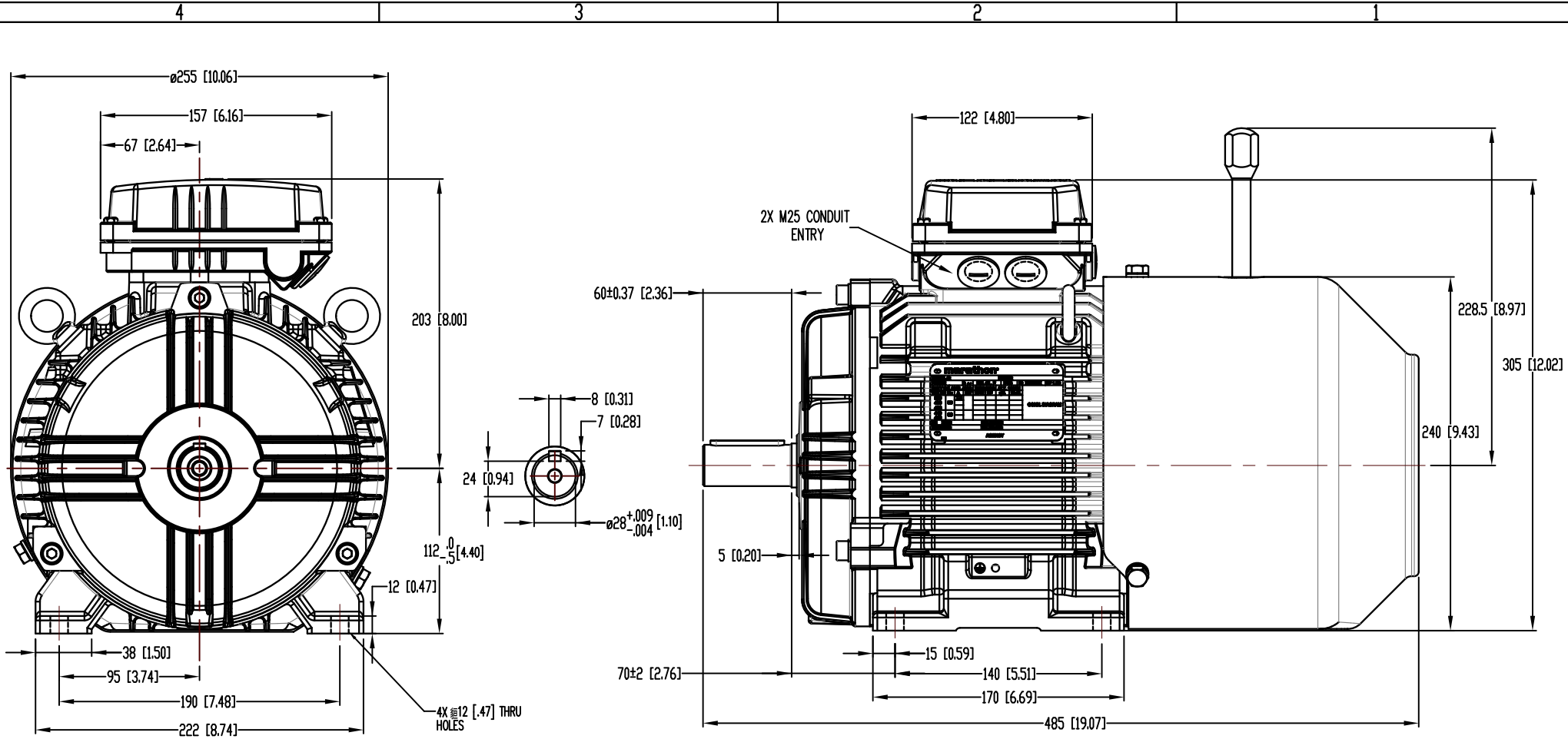
Output HP	5.50 Hp	Output KW	4.1 kW
Frequency	60 Hz	Voltage	230/460 V
Current	14.0/7.0 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Power Factor	82
Duty	Continuous	Insulation Class	F
Design Code	No Design Code	KVA Code	J
Frame	112M	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6306	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	55

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	0 Ohms	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	1.111 in
Shaft Extension	2.36 in	Assembly/Box Mounting	F3

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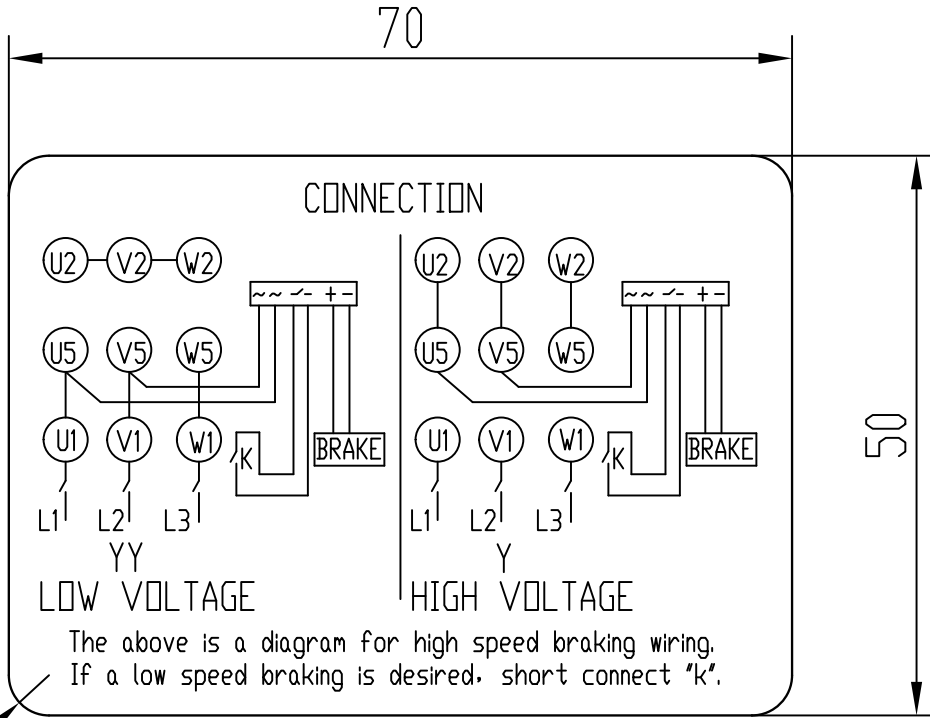


Type	Poles	Output		Voltage (V)	I (A)	Frequency (Hz)	Speed (r/min)	Eff.(%)	Power Factor	Ist/In	Tst/Tn	Tmax/Tn	Ins.	CDNN (stator)	Duty	SF	IM	IC	IP	Bearing	
		(HP)	(kW)																	DE	NDE
TCA 112MB04	4	5.5	4	230/460	14.0/7.0	60	1760	IE3-89.5	0.82	7.8	2.0	2.8	F	YY/Y	S1	1.15	B3	411	55	6306ZZC3	6206ZZC3

AMB -20~+40°C
 Brake Torque: 60 Nm

DRAWING REVISION	REVISION BY	DATE
ECO	APPROVED BY	DATE
ECO DESCRIPTION		
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DRAWN BY	UDAY	
DATE	23/3/2016	
APPROVED BY	380	DESCRIPTION
DATE	23/3/2016	112 FR.- B3 BRAKE MTG. MOTOR TYPE: TCA
REFERENCE		MATERIAL
THIRD ANGLE PROJECTION		PROCESS/FINISH
SIZE	B	DRAWING NUMBER
		0G11200532
		SHEET
		1 OF 1



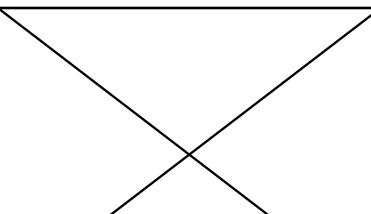
- NOTES:
1. Characters, marks and lines are black;
CONNECTION, LOW VOLTAGE, HIGH VOLTAGE,
YY, Y size 2.5, other letters size 1.8

R3

DRAWING REVISION	REVISION BY	DATE
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ECD DESCRIPTION

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DRAWN BY	Wu Shunrui
DATE	13/06/2016

APPROVED BY	Suresh Datal
DATE	13/06/2016

REFERENCE

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DESCRIPTION
Connection diagram
(LEESON)
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MATERIAL PROCESS/FINISH