

PRODUCT INFORMATION PACKET



Model No: 194222.00
Catalog No: 194222.00
1 HP Definite Purpose AC, 3 phase, 1800 RPM, 230/460 V, 80M Frame, TEFC
IEC Definite Purpose AC Brake Motors



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The Regal logo is positioned in the bottom right area of the page. It features the word "REGAL" in a white, bold, sans-serif font, set against a dark grey, trapezoidal background. The background of the entire page on the right side is a blue gradient with a halftone dot pattern.



Nameplate Specifications

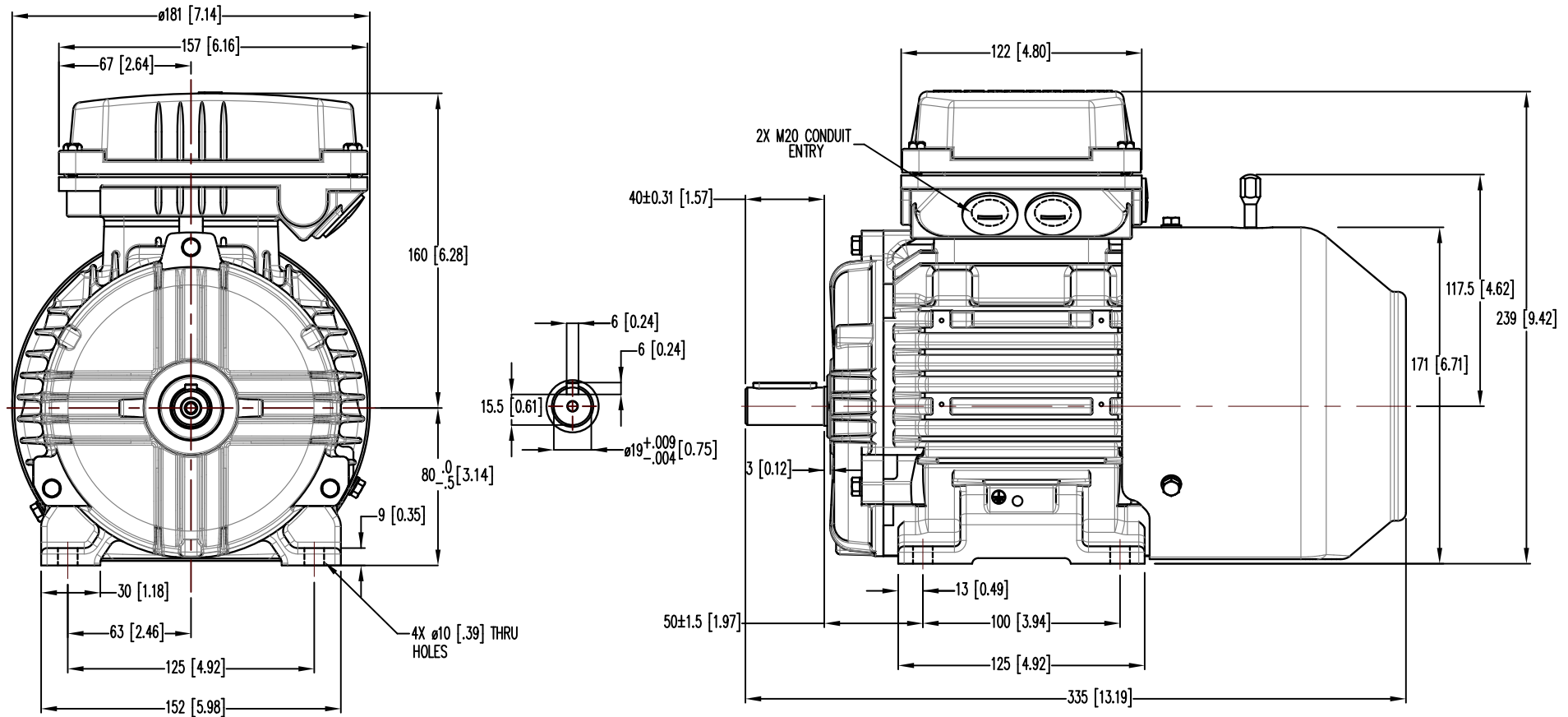
Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/460 V
Current	3.0/1.5 A	Speed	1740 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Power Factor	75
Duty	Continuous	Insulation Class	F
Design Code	No Design Code	KVA Code	L
Frame	80M	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6204	Opp Drive End Bearing Size	6204
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	13.18 in
Frame Length	5.11 in	Shaft Diameter	0.750 in
Shaft Extension	1.57 in	Assembly/Box Mounting	F3


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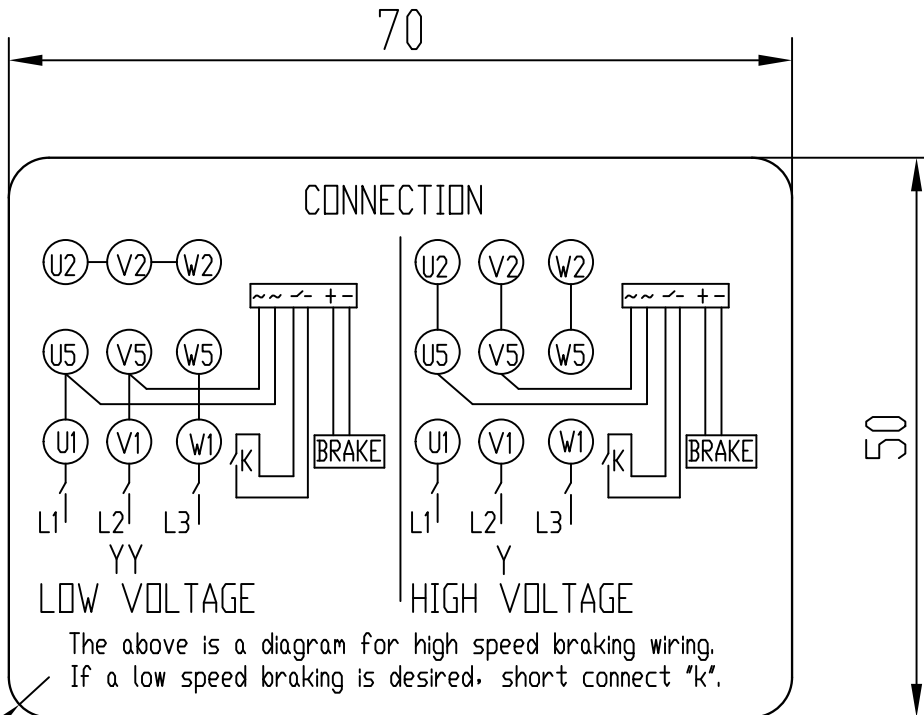
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Type	Poles	Output		Voltage (V)	I (A)	Frequency (Hz)	Speed (r/min)	Eff.(%)	Power Factor	Ist/In	Tst/Tn	Tmax/Tn	Ins.	CONN (stator)	Duty	SF	IM	IC	IP	Bearing	
		(HP)	(kW)																	DE	NDE
TCA 80MB04	4	1	0.75	230/460	3.0/1.5	60	1740	IE3-83.5	0.75	7.6	2.5	3.0	F	YY/Y	S1	1.15	B3	411	55	6204ZZ	6204ZZ

AMB -20~+40°C
 Brake Torque: 8 Nm

DRAWING REVISION	REVISION BY	DATE	X	DRAWN BY	 REGAL-RELOIT CORPORATION
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ECO DESCRIPTION				DATE	
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			THIRD ANGLE PROJECTION	SIZE	DRAWING NUMBER
			B	OG08000257	SHEET 1 of 1



R3

NOTES:

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

DRAWING REVISION	REVISION BY	DATE		DRAWN BY	Wu Shunrui	Regal Beloit America, Inc.	
ECD	APPROVED BY	DATE		DATE	13/06/2016		
ECD DESCRIPTION				APPROVED BY	Suresh Datal	DESCRIPTION	Connection diagram (LEESON)
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