

PRODUCT INFORMATION PACKET



Model No: 140610.00
Catalog No: 140610.00
7.50 HP Brake Motor, 3 phase, 1800 RPM, 230/460 V, 213TC Frame, ODP
NEMA Definite Purpose AC Brake Motors



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The REGAL logo is located in the bottom right corner. It features the word "REGAL" in a white, 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.



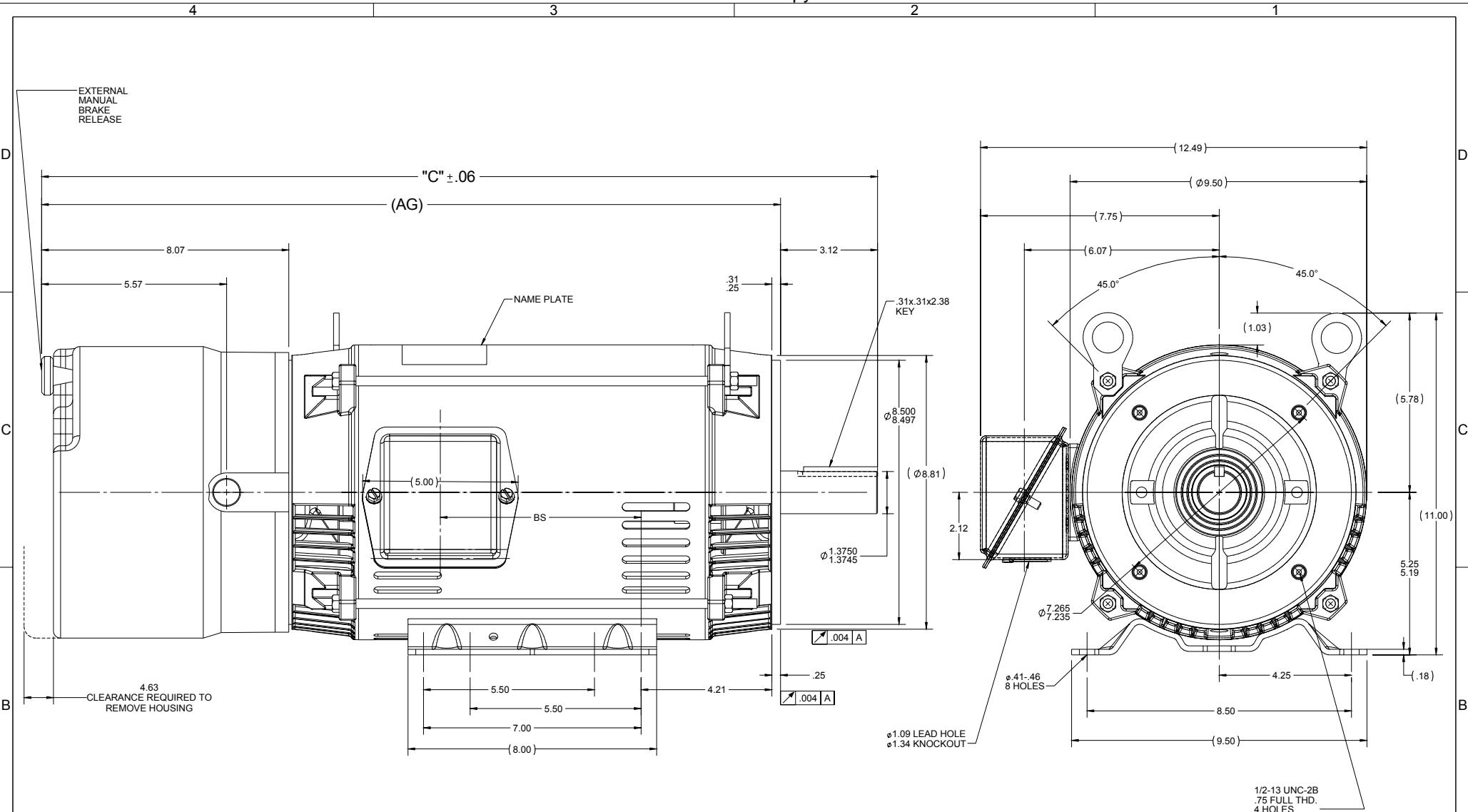
Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	230/460 V
Current	20.0/10.0 A	Speed	1765 rpm
Service Factor	1.15	Phase	3
Efficiency	91 %	Power Factor	77.1
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Frame	213TC	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6309
UL	Recognized	CSA	Y
CE	Y	IP Code	22

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	1.56 Ohms	Mounting	Rigid base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	26.89 in
Frame Length	11.15 in	Shaft Diameter	1.375 in
Shaft Extension	3.43 in	Assembly/Box Mounting	F1 Only

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NOTES:

1. NAMEPLATE TO BE READ CONDUIT BOX SIDE OF MOTOR.
2. CONDUIT BOX CAN BE MOUNTED IN 90 STEPS.
3. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180. (EXCEPT AS NOTED)
4. GASKET THROUGH OUT
5. MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
6. MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
7. PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.
8. ALIGN BASE TO C-FACE MOUNTING HOLES WITHIN ±1/16

DASH	FRAME	C	AG	BS	MOUNTING
965	213T	25.01	20.57	5.96	
1115	213/15T	26.89	23.77	6.41	
1240	213/15T	27.76	26.43	6.61	F1 ONLY

DRAWING REVISION B		REVISION BY SS	DATE 12/17/15	TOLERANCES UNLESS OTHERWISE SPECIFIED:		DRAWN BY KIR	REGAL Regal Beloit America, Inc.	
ECO-0090688		APPROVED BY SS	DATE 12/17/15	DEC .XX	INCH ±0.1	DATE 12/17/15	DESCRIPTION	
ECO DESCRIPTION		DRAWING UPDATED		XXX	±0.01	APPROVED BY SS	OUTLINE	
				.XXXX	[±0.25]	DATE 12/17/15	C' FACE 210T FR. - BB - TS - DR.PR.	
					[±0.127]	REFERENCE	MATERIAL	
					[±0.0127]	THIRD ANGLE PROJECTION	PROCESS/FINISH	
					REMOVE BURRS & BREAK SHARP EDGES: .0031 [0.076381] X 45°	SIZE C	DRAWING NUMBER 038055	
					CORNER FILLETS: R.02 [51]	SHEET 1 OF 1		
					MACHINED SURFACES: .125			
					INCH 3/2			
					mm SHOWN IN [BRACKETS]			