

PRODUCT INFORMATION PACKET



Model No: 108502.00
Catalog No: 108502.00
3 HP SCR Motor, 1750 RPM, 180 V, 182TC Frame, TEFC
SCR Motors



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The Regal logo, featuring the word "REGAL" in white capital letters inside a grey rectangle with a stylized, jagged right edge. The background of the page features a vertical blue gradient bar with a halftone pattern on the right side.

REGAL

**Nameplate Specifications**

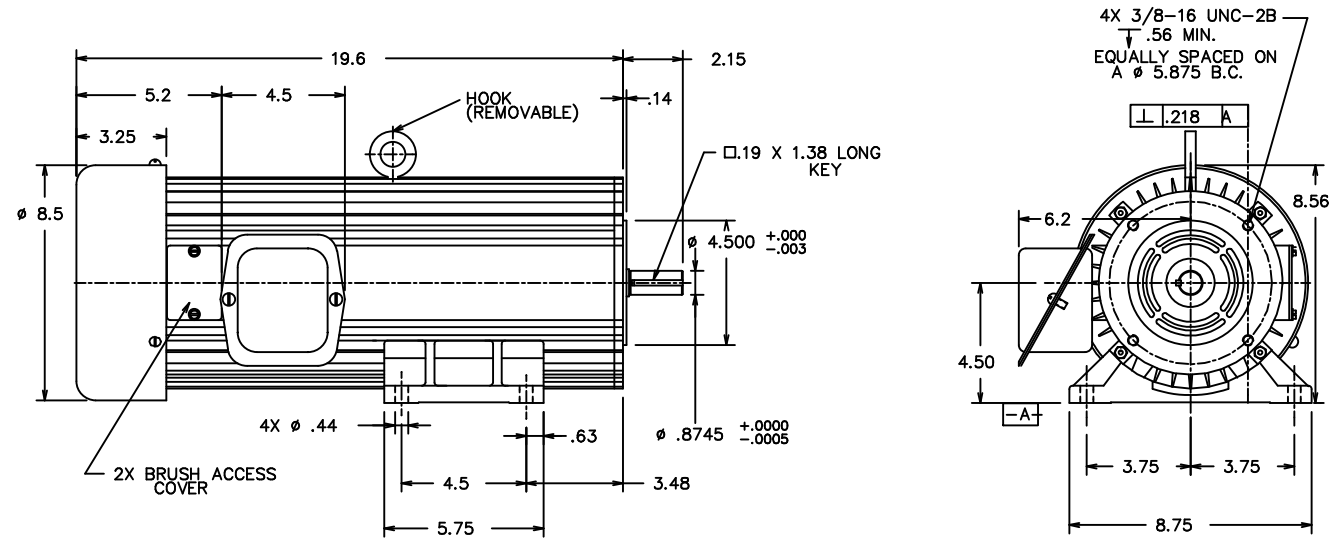
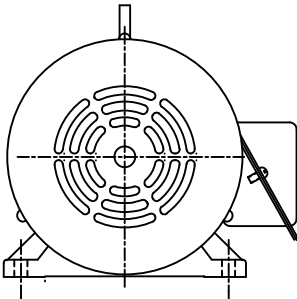
Output HP	3 Hp	Output KW	2.2 kW
Voltage	180 V	Current	14.0 A
Speed	1750 rpm	Service Factor	1
Efficiency	88.8 %	Duty	Continuous
Insulation Class	H	Frame	182/145TC
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6204	UL	Recognized
CSA	Y	CE	N

Technical Specifications

Rotation	Reversible	Mounting	Rigid C base
Overall Length	19.60 in	Shaft Diameter	0.875 in
Shaft Extension	2.15 in		
Outline Drawing	033315	Connection Drawing	00531901

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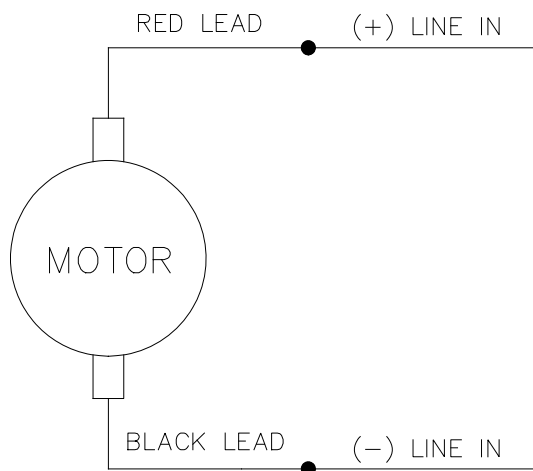
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HP	3.0
FL AMPS	14.0
NL AMPS	.56
VOLTS	180
RPM	1750

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN D.L. 8/13/86
				DEC.	INCHES			CHK	
04	REDRAWN ON CAD	WMM 4/7/97	.X	±.1			APPD JCW 8/13/86		
03	REVISED PER SALES CN, EFF IMMED.	MMG 1/12/95	.XX	±.03	TITLE	OUTLINE – 3 HP TEFC – DC MOTOR 145TC FACE & 182 RIGID BASE	SCALE 1=2		
02	ADDED TABLE	MMG 6/13/94	.XXX	±.005			REF		
01	LENGTH WAS 19"	JCW 11/17/86	.XXXX	±.0005	MATL.		FIM C182D17FK2		
NQ.	REVISION	BY & DATE	CHK	ANG ±1/2"	FINISH		PREV		
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005319.01



CONNECTIONS SHOWN FOR CCW ROTATION FACING LEAD END OF THE MOTOR
TO REVERSE ROTATION INTERCHANGE LINE LEADS

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN TJF 11/15/97
				DEC.	INCHES		
				.X	±.1		
E	"MOTOR" WAS "ARMATURE", ECO-0163602	IPG 3/14/19	.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM PMDC MOTOR	MAT'L. FINISH	CHK
D	UPDATED TO MAKE IT GENERIC, ECO-0163547	IPG 3/13/19	.XXX	±.005			APPD POW 11/15/97
01	REDRAWN ON CAD. REVISED NOTES.	SJB 9/20/2005	.XXXX	±.0005			SCALE 1=2
							REF
							FMF
							PREV
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				DIST			REV. E