

PRODUCT INFORMATION PACKET



Model No: 192247.00
Catalog No: 192247.00
1 HP General Purpose, 3 phase, 1800 RPM, 230/460 V, 80C Frame, TEFC
Aluminium TEFC 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	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	72
Duty	Continuous	Insulation Class	F
Design Code	No Design Code	KVA Code	J
Frame	80C	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

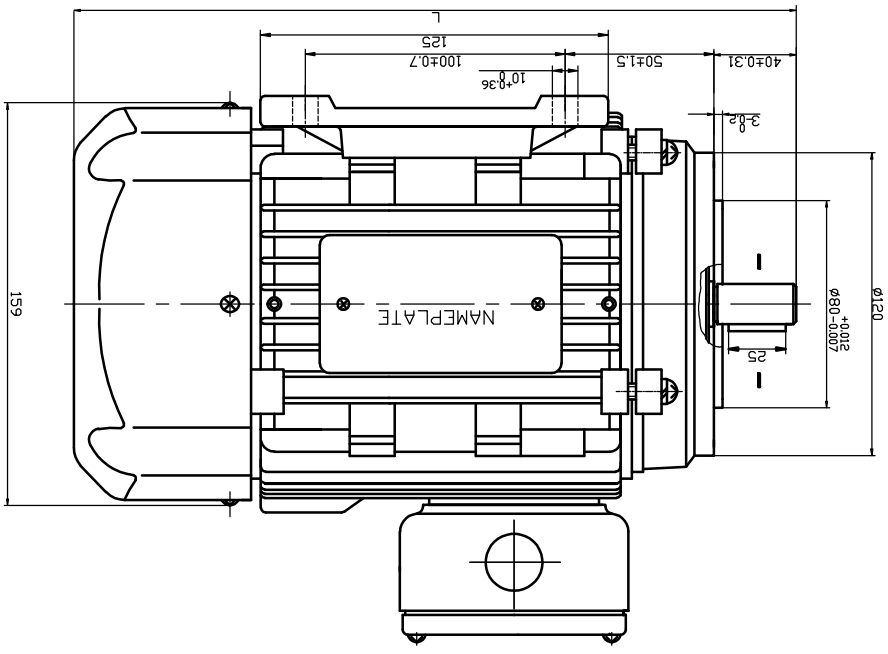
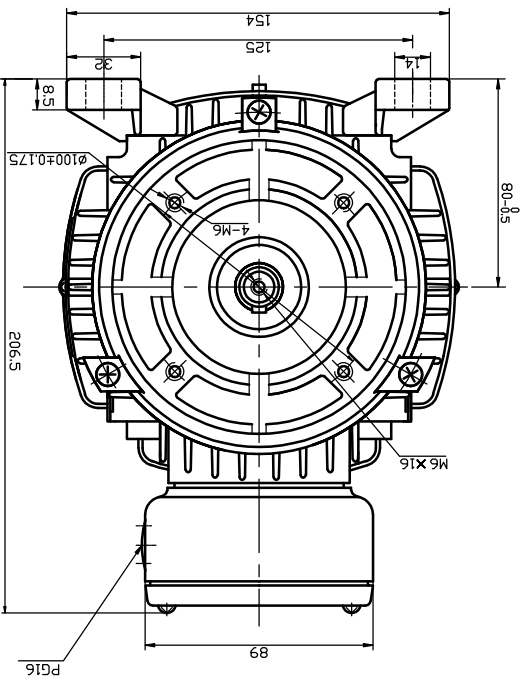
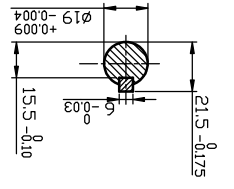
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	IEC	Overall Length	11.88 in
Shaft Diameter	0.750 in	Shaft Extension	1.57 in
Assembly/Box Mounting	F3		

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NO.	REVISION								
	BY & DATE	CHK'D	CHG'D	FRACTIONS	± 1/64	ANGLES	± 1/2°	FHF.	REF.
				XXXX	± 0.005	XXXX	± 0.005	SCALE	FINISH
				XX	± 0.05	XX	± 0.05	R.F.P.	MAT'L.
				X	± 1	X	± 0.3	APPR.	
					± 2.5		± 2.5	DRAWN	VX 16/12/01
					DEC.			TITLE	OUTLINE
					INCHES			REGAL BELOIT CORP.	
					METRIC			OTHERWISE SPECIFIED	
					TOLERANCES UNLESS				

REV.	DRAWING NO.
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CAT LOG.	L	R372A	282	R373A	302	192247.00	302
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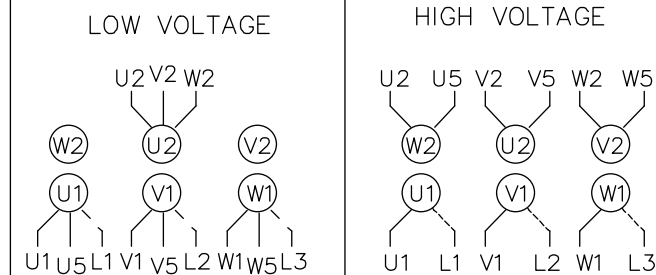


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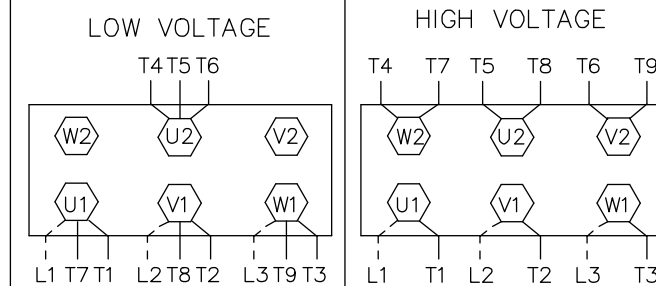
REF. DECAL (IEC) 080644
REF. DECAL (NEMA) 080446

IEC MARKINGS




LINE VOLTAGE	L1	L2	L3	JOIN		
TERMINAL	U1	V1	W1	W2	U2	V2
LOW	U1,U5	V1,V5	W1,W5	---	U2,V2,W2	---
HIGH	U1	V1	W1	U2,U5	V2,V5	W2,W5

NEMA MARKINGS



LINE VOLTAGE	L1	L2	L3	JOIN		
TERMINAL	U1	V1	W1	W2	U2	V2
LOW	T1, T7	T2, T8	T3, T9	---	T4,T5,T6	---
HIGH	T1	T2	T3	T4, T7	T5, T8	T6, T9

		TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN				
		DEC.	INCHES		MGM 12/3/02				
		.X	±.1		CHK				
		.XX	±.01		APPD				
		.XXX	±.005		SCALE 1=1				
01	NEMA LV CONNECTION WAS INCORRECT	RLW	8/4/03	.XXXX	±.0005	TITLE	EXTERNAL WIRING DIAGRAM 3 PHASE - DUAL VOLTAGE - W/TERM BLOCK	REF	00537703
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	MAT'L.	IEC/NEMA MARKINGS	FMF	
			RFP			FINISH	THERMAL TRANSFER	PREV	
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