

# PRODUCT INFORMATION PACKET

Model No: 184TPTSC10321

Catalog No: NM2412

NovaMAX™ EC Permanent Magnet Fan & Blower Motor, 10 HP, 3 Ph, 180 Hz, 460 V, 3600 RPM, 184T Frame,  
TEAO



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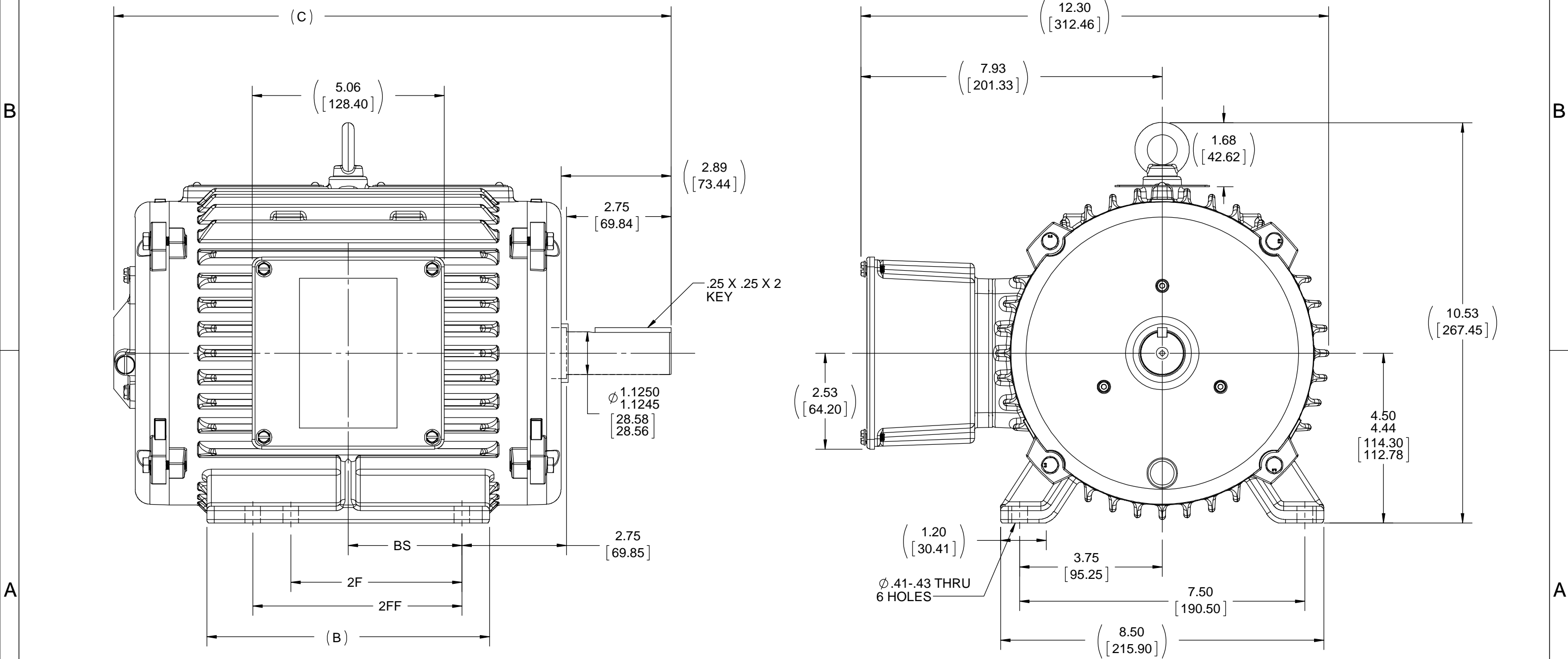
### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>10 Hp</b>
Output KW	<b>7.5 kW</b>	Voltage	<b>460 V</b>
Speed	<b>3600 rpm</b>	Service Factor	<b>1.15</b>
Frame	<b>184T</b>	Enclosure	<b>Totally Enclosed Air Over</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>94 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>180 Hz</b>
Current	<b>11.3 A</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>No Design Code</b>
KVA Code	<b>N/A</b>	Drive End Bearing Size	<b>6207</b>
Opp Drive End Bearing Size	<b>6207</b>	UL	<b>Recognized</b>
CSA	<b>N</b>	CE	<b>N</b>
IP Code	<b>54</b>	Number of Speeds	<b>1</b>

### Technical Specifications

Electrical Type	<b>AC Permanent Magnet</b>	Starting Method	<b>Inverter Only</b>
Poles	<b>6</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>0 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Cast Iron</b>
Shaft Type	<b>T</b>	Overall Length	<b>14.66 in</b>
Frame Length	<b>9.42 in</b>	Shaft Diameter	<b>1.123 in</b>
Shaft Extension	<b>2.75 in</b>	Assembly/Box Mounting	<b>F1 ONLY</b>
Inverter Load	<b>VARIABLE 20:1</b>		
Outline Drawing	<b>520-00505-9419</b>	Connection Drawing	<b>NA</b>

DASH	FRAME	C	B	2F	2FF	BS
9419	182/184	14.66 [372.39]	7.44 [188.93]	4.50 [114.30]	5.50 [139.70]	2.99 [75.98]



- NOTES: (UNLESS OTHERWISE SPECIFIED)
- ALL DIMENSIONS & TOLERANCES APPLY POST-FINISH OR PLATING.
  - CRITICAL TO FUNCTION DIMENSIONS ARE INSIDE OVAL BORDER. QUERY SOLID MODEL (IGES) FOR COMPLETE PART DEFINITION.

DRAWING REVISION C	REVISION BY GNK	DATE 08/09/2018
ECO ECO-0150486	APPROVED BY GNK	DATE 08/09/2018
ECO DESCRIPTION SHEET 1 DELETED		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	mm	INCH	ANGLE
.X	±2.5	[±0.10]	±0.5°
.XX	±0.25	[±0.010]	
.XXX	±0.130	[±0.0051]	
.XXXX	±0.0130	[±0.00051]	
REMOVE BURRS & BREAK SHARP EDGES: .08/.38 [.003/.015] X 45°			
CORNER FILLETS: R.50 [.020]			
MACHINED SURFACES: 125 3.2			
INCH SHOWN IN [BRACKETS]			

DRAWN BY	<b>REGAL</b> ™ Regal Beloit America, Inc.	
DATE	DESCRIPTION	
APPROVED BY	OUTLINE	
DATE	NOVAMAX, 182/184T, TEAO/TENV, RIGID	
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER 520-00505
		SHEET 1 OF 1