

Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	125.0	125.0
Frame Size	445C	
Speed, RPM	1180	985
Voltage	460	380
# Phase	3	
Full Load Amps	143.2545171	175
Power Factor	0.86	-
Nominal Efficiency	95.0	93.5
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
Duty	Cont. / S1	
FL Temp Rise °C	100.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	J	D
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	1730.93	
DE Bearing	NU319	
NDE Bearing	6319C3	
dB No-Load	-	
Rotor Wk ² , Lb-Ft ²	-	
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	6	
Connection	?	
Coil Resistance	-	

Motor Model:	BR3-CI-TF-445TC-6-RR-E-125
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	62.1	-	-	-	-
25	31.25	73.09	30.01	1197.8	89.39	0.52
50	62.5	99.61	57.61	1195.7	93.12	0.73
75	93.75	132.1	85.77	1193.4	93.83	0.81
100	125.0	169.49	114.54	1191.0	93.68	0.85
125	156.25	210.69	143.98	1188.3	93.16	0.86
150	187.5	254.63	174.16	1185.4	92.42	0.86
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	1694.37	269.0	-	1445.83
Pull Up Torque	894.427	142.0	-	-
Breakdown Torque	1933.73	307.0	-	-
Full Load	629.878	100.0	1193.1	169.5

Speed Torque Curve

Please contact Techtop for image.

Dimensional Drawing

Please contact Techtop for image.

Dimensions are for reference only. Allowance should be made for minor deviations in non standard specified properties.

3D Image Link: Not available for this motor