

Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	125.0	125.0
Frame Size	444TS	
Speed, RPM	3575	2960
Voltage	460	380
# Phase	3	
Full Load Amps	136.8876496	166
Power Factor	0.9	-
Nominal Efficiency	95.0	93.5
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
Duty	Cont. / S1	
FL Temp Rise °C	81.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	M	E
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	1437.66	
DE Bearing	6316C3	
NDE Bearing	6316C3	
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-444TS-2-BR-E-125
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	37.85	-	-	-	-
25	31.25	54.82	30.04	3594.5	89.21	0.89
50	62.5	84.97	57.36	3589.2	93.44	0.85
75	93.75	118.4	85.03	3583.6	94.56	0.9
100	125.0	154.45	113.07	3577.7	94.81	0.92
125	156.25	192.43	141.52	3571.6	94.69	0.92
150	187.5	231.66	170.39	3565.2	94.37	0.92
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	693.434	330.0	-	1669.06
Pull Up Torque	310.995	148.0	-	-
Breakdown Torque	821.614	391.0	-	-
Full Load	210.131	100.0	3581.8	154.4

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