

## Techtop Industries Nameplate and Performance Data

NAMEPLATE DATA		
	60 Hz	50 Hz
Horsepower	30.0	30.0
Frame Size	286TC	
Speed, RPM	1770	1460
Voltage	460	380
# Phase	3	
Full Load Amps	35.5	-
Power Factor	0.85	-
Nominal Efficiency	93.6	90.5
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
Duty	Cont. / S1	
FL Temp Rise °C	60.0	-
Enclosure	TEFC	
Ambient Temp °C	40	
KVA Code	K	F
FL Amps. @ 208 V	-	-
Insulation Class	F	
NEMA Design	A	
Weight	396.9	
DE Bearing	6311C3	
NDE Bearing	6311C3	
dB No-Load	-	
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-	
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	12	
Connection	??/?	
Coil Resistance	-	

<b>Motor Model:</b>	<b>BR3-CI-TF-286TC-4-BR-E-30</b>
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Performance Load Values:

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	14.41	-	-	-	-
25	7.5	16.23	6.29	1794.1	88.63	0.49
50	15.0	21.24	12.02	1788.4	92.75	0.71
75	22.5	27.51	17.86	1782.2	93.63	0.82
100	30.0	34.74	23.83	1775.7	93.58	0.86
125	37.5	42.61	29.93	1768.8	93.13	0.88
150	45.0	50.82	36.18	1761.6	92.46	0.89
SF	-	-	-	-	-	-

	Torque, Lb-Ft	% Full Load Torque	Speed, RPM	Current Amps.
Locked Rotor Torque	265.96	299.0	-	329.683
Pull Up Torque	190.353	214.0	-	-
Breakdown Torque	323.778	364.0	-	-
Full Load	88.95	100.0	1775.7	34.74

### 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