NEMA Premium

NEMA

MOTOR MODEL:	BR3-CI-TF-326TC-6-BR-E-30
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	30.0	30.0
Speed, RPM	1180	965
Voltage	460	380
# Phase	3	
Full Load Amps	38.0	-
Power Factor	0.82	-
Nominal Efficiency	93.0	90.0
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	M	E
FL Amps. @ 208 V	-	-
LRC @ 60Hz HV	407.376	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	12	
Connection	DD/D	
Coil Resistance	-	
Date Code	-	

Load	Efficiency %	P.F.
50%	92.38	0.65
75%	93.22	0.76
100%	93.12	0.81

FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	63.0	-

3D Image Link
BR3-CI-TF-326TC-6-BR-E-30

*This report valid for above Date Code and newer models, please contact Techtop for more info.

GENERAL DATA	
Frame Size	326TC
Frame Enclosure	TEFC
Mounting	Rigid/C-Flange
Insulation Class	F
Duty	Cont. / S1
NEMA Design	A
Frame Material	Cast Iron
Ingress Protection	56
Tropicalization	true
Cable Entry	1-NPT 2"
Feet Removable	true
Double Drilled	true
Paint Color	Graphite Gray
Paint RAL	7024
Weight lb	648.27

MECHANICAL DATA	
DE Bearing	6312C3
NDE Bearing	6312C3
dB No-Load	-
Rotor Wk², Lb-Ft²	-
Comp Ring (wavey washer)	-

TORQUE VALUES	Torque lb-ft	% FLT
Locked Rotor Torque	406.285	302.0
Pull-Up Torque	216.595	161.0
Breakdown Torque	495.075	368.0
Full Load Torque	134.531	100.0

SITE CONDITIONS	
Ambient Temp °C	40
Altitude Above Sea Level m	1000

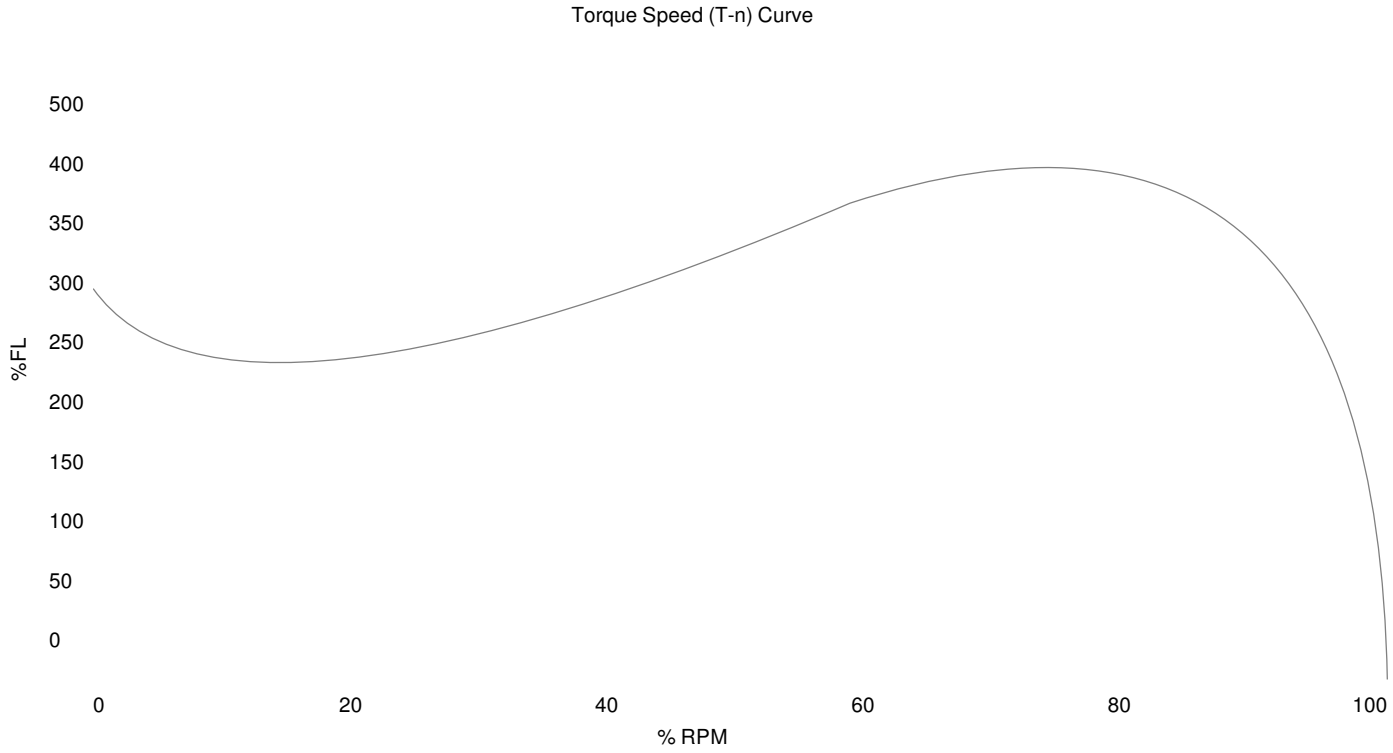
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FACTORY TYPE:	TXC

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Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values	
Locked Rotor Torque	406.285	302.0	Start Configuration	-
Pull-Up Torque	216.595	161.0	Starting Current (A)	-
Breakdown Torque	495.075	368.0	No-Load Current (A)	-
Full Load	134.531	100.0	No-Load Power Factor	-

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	17.02	-	-	-	-
25	7.5	18.23	6.31	1196.0	88.29	0.43
50	15.0	23.42	12.07	1192.5	92.38	0.65
75	22.5	29.7	17.94	1188.6	93.22	0.76
100	30.0	36.9	23.95	1184.5	93.12	0.81
125	37.5	44.85	30.1	1179.9	92.6	0.84

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