



IE3

IEC

<b>MOTOR MODEL:</b>	GR3-CI-TF-160LB35-2-BR-D-30
<b>FACTORY TYPE:</b>	TCX

## IE3 IEC Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	30.0	30.0
Speed, RPM	3550	2930
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	69.0/34.5	83.8/41.9
Power Factor	0.9	-
Nominal Efficiency	91.7	-
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
KVA Code	H	F
FL Amps. @ 208 V	76.3	-
Locked Rotor Current	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	12	
Connection	DD/D	
Coil Resistance	-	
Date Code	-	
<b>Load</b>	<b>Efficiency %</b>	<b>P.F.</b>
50%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	56.0	72.0
3D Image Link		
<a href="#">GR3-CI-TF-160LB35-2-BR-D-30</a>		

GENERAL DATA		
Frame Size	160LB35	
Frame Enclosure	TEFC	
Mounting	B35	
Insulation Class	F	
Duty	Cont. / S1	
NEMA Design	-	
Frame Material	Cast Iron	
Ingress Protection	55	
Tropicalization	true	
Cable Entry	2-M32X1.5	
Feet Removable	true	
Double Drilled	-	
Paint Color	Graphite Gray	
Paint RAL	7024	
Weight lb	401.0	
MECHANICAL DATA		
DE Bearing	6309C3	
NDE Bearing	6309C3	
dB No-Load	-	
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-	
Comp Ring (wavy washer)	-	
TORQUE VALUES		
	<b>Torque lb-ft</b>	<b>% FLT</b>
Locked Rotor Torque	-	-
Pull-Up Torque	-	-
Breakdown Torque	-	-
Full Load Torque	-	-
SITE CONDITIONS		
Ambient Temp °C	40	
Altitude Above Sea Level m	1000	

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



IE3

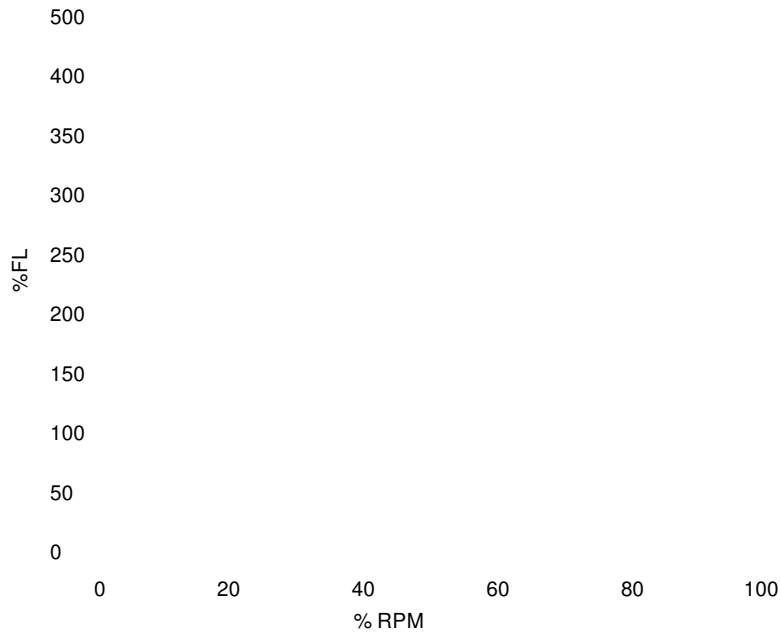
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IE3 IEC Cast Iron, TEFC

Non Sinusoidal (VFD) Output 30.0HP, 3550 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	-	-	Start Configuration
Pull-Up Torque	-	-	Starting Current (A)
Breakdown Torque	-	-	No-Load Current (A)
Full Load	-	-	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	-	-
75	-	-	-	-	-	-
100	-	-	-	-	-	-
125	-	-	-	-	-	-