IE3

IEC

MOTOR MODEL:	GR3-CI-TF-160LB35-2-BR-D-30
FACTORY TYPE:	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	-
LRC @ 60Hz HV	-	-
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%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	56.0	72.0
3D Image Link		
GR3-CI-TF-160LB35-2-BR-D-30		

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

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 Wk², Lb-Ft²	-	
Comp Ring (wavey washer)	-	
TORQUE VALUES	**Torque lb-ft**	**% FLT**
Locked Rotor Torque	-	-
Pull-Up Torque	-	-
Breakdown Torque	-	-
Full Load Torque	-	-
SITE CONDITIONS		
Ambient Temp °C	40	
Altitude Above Sea Level m	1000	

Techtop Industries
2815 Colonnades Court
Peachtree Corners, GA 30071
Tel: 678-436-5540
E-Mail: info@techtopind.com