IE3

IEC

MOTOR MODEL:	GR3-CI-TF-280SB35-4-BR-D-100
FACTORY TYPE:	TCX

IE3 IEC Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	100.0	100.0
Speed, RPM	1780	1480
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	228.0/114.0	270.0/135.0
Power Factor	0.86	-
Nominal Efficiency	95.4	-
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
KVA Code	H	E
FL Amps. @ 208 V	-	-
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	70.0	97.0
3D Image Link		
GR3-CI-TF-280SB35-4-BR-D-100		

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

GENERAL DATA	
Frame Size	280SB35
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-M50X1.5
Feet Removable	-
Double Drilled	-
Paint Color	Graphite Gray
Paint RAL	7024
Weight lb	1032.0
MECHANICAL DATA	
DE Bearing	6316C3
NDE Bearing	6316C3
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