



Metric IEC

**IEC**

<b>MOTOR MODEL:</b>	GR3-CI-TF-160LB3-2-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	-
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		
<a href="#">GR3-CI-TF-160LB3-2-BR-D-30</a>		

GENERAL DATA			
Frame Size	160L		
Frame Enclosure	TEFC		
Mounting	B3		
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 (wavey washer)	DE		
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	

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

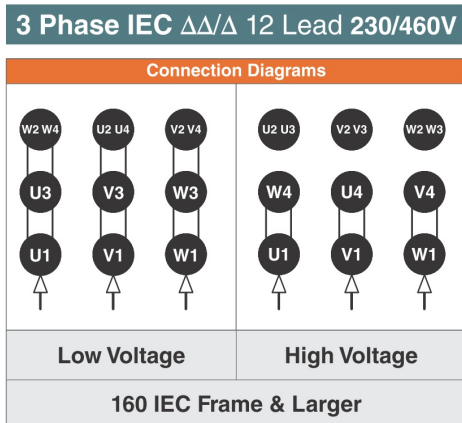
Techtop Industries  
2815 Colonnades Court  
Peachtree Corners, GA 30071  
Tel: 678-436-5540  
E-Mail: info@techttopind.com

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**Notes:** 12 Lead / 9 Post Connection  
Motors pre-wired high voltage as shown above

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