



NEMA Premium

NEMA

MOTOR MODEL:	GR3-CI-OP-286T-4-BR-D-30
FACTORY TYPE:	-

NEMA Cast Iron, ODP

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	30.0	-
Speed, RPM	1770	1460
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	70.6/35.3	-
Power Factor	0.85	-
Nominal Efficiency	94.1	-
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
KVA Code	F	F
FL Amps. @ 208 V	78.1	-
Locked Rotor Current	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	12	
Connection	4D/2D	
Coil Resistance	-	
Load	Efficiency %	P.F.
50%	93.16	0.7691
75%	94.1	0.8551
100%	94.1	0.85
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	60.0	-
3D Image Link		
GR3-CI-OP-286T-4-BR-D-30		

GENERAL DATA			
Frame Size	286T		
Frame Enclosure	ODP		
Mounting	Rigid		
Insulation Class	F		
Duty	Cont. / S1		
NEMA Design	-		
Frame Material	Cast Iron		
Ingress Protection	23		
Tropicalization	true		
Cable Entry	-		
Feet Removable	-		
Double Drilled	-		
Paint Color	Graphite Gray		
Paint RAL	7024		
Weight lb	443.65		
MECHANICAL DATA			
DE Bearing	6311C3		
NDE Bearing	6309C3		
dB No-Load	-		
Rotor Wk ² , Lb-Ft ²	-		
Comp Ring (wavy washer)	-		
TORQUE VALUES		Torque lb-ft	% FLT
Locked Rotor Torque	-	-	
Pull-Up Torque	-	-	
Breakdown Torque	-	-	
Full Load Torque	-	-	
SITE CONDITIONS			
Ambient Temp °C	-		
Altitude Above Sea Level m	-		



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Non Sinusoidal (VFD) Output 30.0HP, 1770 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	-	-	-	-	93.16	0.7691
75	-	-	-	-	94.1	0.8551
100	-	-	-	-	94.1	0.85
125	-	-	-	-	-	-

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