



NEMA Premium

**NEMA**

<b>MOTOR MODEL:</b>	GR3-CI-OP-445T-4-BR-E-150
<b>FACTORY TYPE:</b>	-

NEMA Cast Iron, ODP

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	150.0	-
Speed, RPM	1780	1480
Voltage	460	380
# Phase	3	
Full Load Amps	167.5	-
Power Factor	0.88	-
Nominal Efficiency	95.8	-
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
KVA Code	F	D
FL Amps. @ 208 V	-	-
Locked Rotor Current	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	6	
Connection	4D	
Coil Resistance	-	
Date Code	-	
<b>Load</b>	<b>Efficiency %</b>	<b>P.F.</b>
50%	94.88	0.8072
75%	95.4	0.8802
100%	95.8	0.88
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	-	-
3D Image Link		
<a href="#">GR3-CI-OP-445T-4-BR-E-150</a>		

GENERAL DATA	
Frame Size	445T
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	2002.0
MECHANICAL DATA	
DE Bearing	6319C3
NDE Bearing	6316C3
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	-
Altitude Above Sea Level m	-

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

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Non Sinusoidal (VFD) Output 150.0HP, 1780 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	-	-	-	-	94.88	0.8072
75	-	-	-	-	95.4	0.8802
100	-	-	-	-	95.8	0.88
125	-	-	-	-	-	-

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