



## Pump Motors

# NEMA

<b>MOTOR MODEL:</b>	BK3-CI-TF-405T-6-RR-G-75
<b>FACTORY TYPE:</b>	-

### NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	75.0	-
Speed, RPM	1135	-
Voltage	230/460/796	-
# Phase	-	-
Full Load Amps	148/82/47.4	-
Power Factor	0.91	3.0
Nominal Efficiency	92.2	-
3/4 Load Efficiency	-	-
Service Factor	1.15	-
KVA Code	F	-
FL Amps. @ 208 V	-	-
Locked Rotor Current	-	-
Start Capacitor	-	-
Start Capacitor V	-	-
Run Capacitor	-	-
Run Capacitor V	-	-
Number of Leads	12	-
Connection	-	-
Coil Resistance	-	-
Load	Efficiency %	P.F.
50%	-	-
75%	93.0	-
100%	92.2	0.91
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	-	-
3D Image Link		
Not available for this motor		

GENERAL DATA			
Frame Size	405T		
Frame Enclosure	TEFC		
Mounting	Rigid		
Insulation Class	F		
Duty	-		
NEMA Design	D		
Frame Material	Cast Iron		
Ingress Protection	55		
Tropicalization	-		
Cable Entry	-		
Feet Removable	-		
Double Drilled	-		
Paint Color	-		
Paint RAL	-		
Weight lb	989.0		
MECHANICAL DATA			
DE Bearing	6316C3		
NDE Bearing	6316C3		
dB No-Load	-		
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-		
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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### NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 75.0HP, 1135 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	-	-	-	-	-	-
75	-	-	-	-	93.0	-
100	-	-	-	-	92.2	0.91
125	-	-	-	-	-	-