



# Pump Motors

## NEMA

<b>MOTOR MODEL:</b>	BK3-CI-TF-365T-6-BR-G-50
<b>FACTORY TYPE:</b>	-

### NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	50.0	-
Speed, RPM	1138	-
Voltage	230/460/796	-
# Phase	-	-
Full Load Amps	111/55.5/32.1	-
Power Factor	0.91	3.0
Nominal Efficiency	91.9	-
3/4 Load Efficiency	-	-
Service Factor	1.15	-
KVA Code	F	-
FL Amps. @ 208 V	-	-
LRC @ 60Hz HV	368.6	-
Start Capacitor	-	-
Start Capacitor V	-	-
Run Capacitor	-	-
Run Capacitor V	-	-
Number of Leads	12	-
Connection	-	-
Coil Resistance	-	-
Date Code	-	-
Load	Efficiency %	P.F.
50%	92.87	0.866
75%	92.84	0.9042
100%	91.93	0.9101
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	-	-
3D Image Link		
Not available for this motor		

GENERAL DATA			
Frame Size	365T		
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	756.0		
MECHANICAL DATA			
DE Bearing	6313C3		
NDE Bearing	6313C3		
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		383.57	171.0
Pull-Up Torque		-	-
Breakdown Torque		526.51	235.0
Full Load Torque		224.05	100.0
SITE CONDITIONS			
Ambient Temp °C		-	
Altitude Above Sea Level m		-	

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