

NEMA

MOTOR MODEL:	BK3-CI-TF-254T-6-BR-G-7.5
FACTORY TYPE:	-

NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	7.5	-
Speed, RPM	1110	-
Voltage	230/460/796	-
# Phase	-	
Full Load Amps	20.4/10.2/5.89	-
Power Factor	0.83	3.0
Nominal Efficiency	84.0	-
3/4 Load Efficiency	-	-
Service Factor	1.15	-
KVA Code	G	-
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%	85.4	-
100%	84.0	0.83
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	-	-
3D Image Link		
Not available for this motor		

GENERAL DATA	
Frame Size	284T
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	267.0
MECHANICAL DATA	
DE Bearing	6309C3
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	



Pump Motors

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FACTORY TYPE:	-

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Non Sinusoidal (VFD) Output 7.5HP, 1110 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	-	-	-	-	85.4	-
100	-	-	-	-	84.0	0.83
125	-	-	-	-	-	-