



Pump Motors

NEMA

MOTOR MODEL:	BK3-CI-TF-326T-6-BR-G-30
FACTORY TYPE:	-

NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	30.0	-
Speed, RPM	1136	-
Voltage	230/460/796	-
# Phase	-	
Full Load Amps	71/35.5/20.5	-
Power Factor	0.86	3.0
Nominal Efficiency	91.1	-
3/4 Load Efficiency	-	-
Service Factor	1.15	-
KVA Code	F	-
FL Amps. @ 208 V	-	-
Locked Rotor Current	273.0	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	12	
Connection	-	
Coil Resistance	-	
Date Code	-	
Load	Efficiency %	P.F.
50%	91.67	0.7599
75%	91.92	0.9341
100%	91.1	0.8596
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	-	-
3D Image Link		
Not available for this motor		

GENERAL DATA		
Frame Size	326T	
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	562.0	
MECHANICAL DATA		
DE Bearing	6312C3	
NDE Bearing	6312C3	
dB No-Load	-	
Rotor Wk ² , Lb-Ft ²	-	
Comp Ring (wavy washer)	-	
TORQUE VALUES		% FLT
Locked Rotor Torque	279.53	210.0
Pull-Up Torque	173.04	130.0
Breakdown Torque	315.47	237.0
Full Load Torque	133.11	100.0
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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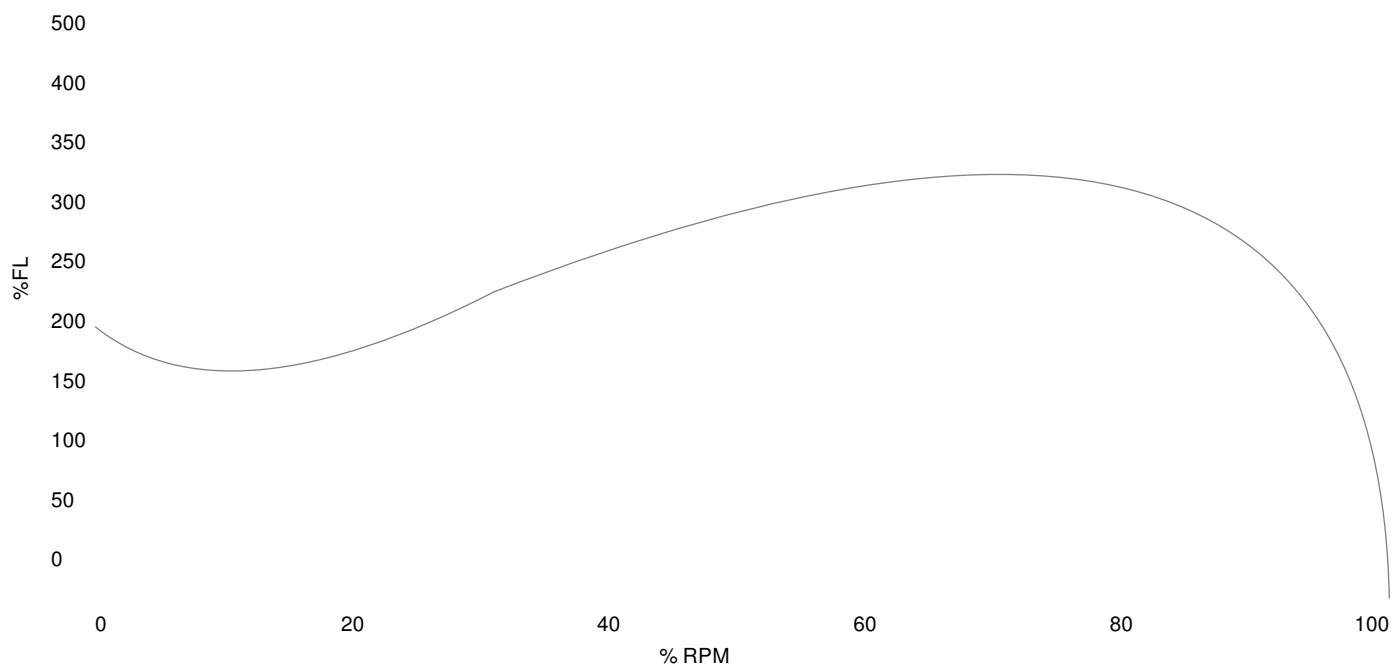
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MOTOR MODEL:	BK3-CI-TF-326T-6-BR-G-30
FACTORY TYPE:	-

NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 30.0HP, 1136 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	279.53	210.0	Start Configuration
Pull-Up Torque	173.04	130.0	Starting Current (A)
Breakdown Torque	315.47	237.0	No-Load Current (A)
Full Load	133.11	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	0.0	11.42	0.6519	1199.0	0.0	-
25	7.5	13.79	6.25	1192.7	88.0	0.5688
50	15.0	19.82	12.0	1184.6	91.67	0.7599
75	22.5	27.01	17.95	1174.9	91.92	0.9341
100	30.0	35.26	24.15	1163.7	91.1	0.8596
125	37.5	44.48	30.66	1150.8	89.69	0.8651

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