

PRODUCT INFORMATION PACKET

Model No: 254TTDR16026

Catalog No: U207A

15 HP Close-Coupled Pump Motor, 3 phase, 1800 RPM, 230/460 V, 254JP Frame, ODP
JP Motors



Regal and Marathon are trademarks of Regal Beloit Corporation or one of its affiliated companies.
©2021 Regal Beloit Corporation, All Rights Reserved. MC017097E

REGAL



Nameplate Specifications

Output HP	15 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	38.0/18.9 A	Speed	1768 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Power Factor	79.9
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	G
Frame	254JP	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6207
UL	Recognized	CSA	Y
CE	Y	IP Code	12

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.515 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JP	Overall Length	26.48 in
Frame Length	13.00 in	Shaft Diameter	1.750 in
Shaft Extension	8.13 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	610-0031-1300	Connection Drawing	80022801

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:20/01/2021



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CUSTOMER: _____ CUSTOMER P.O. #: _____
 ORDER #: 80022801 REFERENCE MODEL #: 254TTDR16026
 CONN. DIAGRAM: OL254TTDR16026 CAT #: U207A
 WINDING: BGR4T01 NONE 3 CUSTOMER PART #: _____
 SPEED: _____ MOUNTING: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN	
15	11.2	1800	1768	254JP	DP	TDR	G	B	
PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60/50	230/460#190/380	38/18.9&33/16.5	ACROSS-THE LINE	CONT	B	1.15	40	3300
	F.L. EFF	93.0	3/4 LD EFF	93.2	1/2 LD EFF	92.7	GTD EFF	ELECT. TYPE	
	F.L. PF	79.9	3/4 LD PF	75.2	1/2 LD PF	66.0	91.7	SQ CAGE IND RUN	
F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (°C)					
44.5 LB-FT	114	84.1 LB-FT	189%	117 LB-FT	263%	21			
@ 3 FT.	POWER	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	START/SHOUR	MOTOR WGT			
999 DBA	1008 DBA	2.00 LB-FT ²	0 LB-FT ²	20 SEC.	2	0 LB.			

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	NO	NONE	NO	NONE	BLUE (ENAMEL)
BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	MATERIAL	FRAME MATERIAL	
DE BALL 6309	POLYREX EM	JIP	NONE	NONE	1045 HOT ROLLED (C-204)		ROLLED STEEL	
THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS		
NONE	NOT	NONE	NONE	NONE	FALSE	NA		
R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT		
0	0	0	0	0	0.150	ODE		

* INVERTER TORQUE: NONE
 INV. HP SPEED RANGE: NONE
 ENCODER: NONE
 NONE
 NONE
 BRAKE: NONE
 NONE
 FT-LB: NA
 VOLTAGE: NONE
 NONE PPR

PREPARED BY: FAREEDA DUDEKULA
 DATE: 9/17/2018
 FORM: 3531 REV 4 2/27/06
 UL: V/INS, CONST UL REC
 HZ:

Data Sheet

254TDR16026



Submital Data @ 460 V

Date: 12/10/2018
 Customer:
 Attention:
 Submitted by: FAREEDA DUDEKULA

Motor Load Data

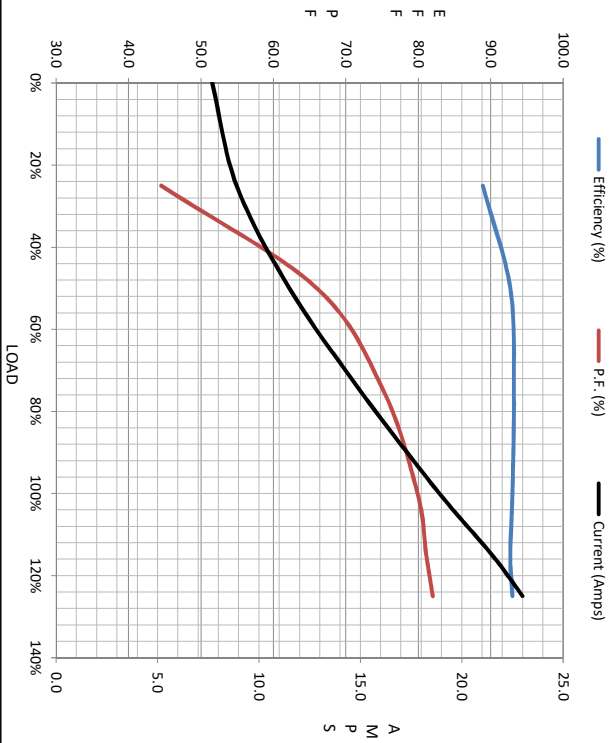
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	7.7	8.9	11.5	15.0	18.9	21.5	23.0	11.4
Torque (ft-lb)	0.00	11.0	22.0	33.0	44.5	51.0	60.0	84.1
RPM	1800	1793	1785	1777	1768	1762	1740	0
Efficiency (%)		88.9	92.7	93.2	93.0	92.7	93.0	
P.F. (%)	0.0	44.5	66.0	75.2	79.9	81.1	82.0	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	884	1656	1768	1800
Current (Amps)	114	103	68.4	18.9	7.7
Torque (ft-lb)	84.1	71.5	117	44.5	0.00

Information Block

HP	15.0				
Sync. RPM	1800				
Frame	254				
Enclosure	DP				
Construction	TDR				
Voltage	230/460#190/380 V				
Frequency	60 Hz				
Design	B				
LR Code letter	G				
Service Factor	1.15				
Temp Rise @ FL	21 °C				
Duty	CONT				
Ambient	40 °C				
Elevation	1,000 feet				
Rotor/Shaft wk ^e	2,000 Lb-Ft ^e				
Ret Wdg	BGR4T01 NONE				
Sound Pressure @ 1M	999 dBA				
VFD Rating	NONE				
Outline Dwg	OL254TDR16026				
Conn. Diag	80022801				
Additional Specifications:					
0					
0					
	EQUIV CKT (OHMS / PHASE)				
	R1	R2	X1	X2	Xm
	0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

