# PRODUCT INFORMATION PACKET



Model No: 145TTFR16065
Catalog No: GT5504
1.50 HP Close-Coupled Pump Motor, 3 phase, 1800 RPM, 575 V, 145JPV Frame, TEFC
JP Motors



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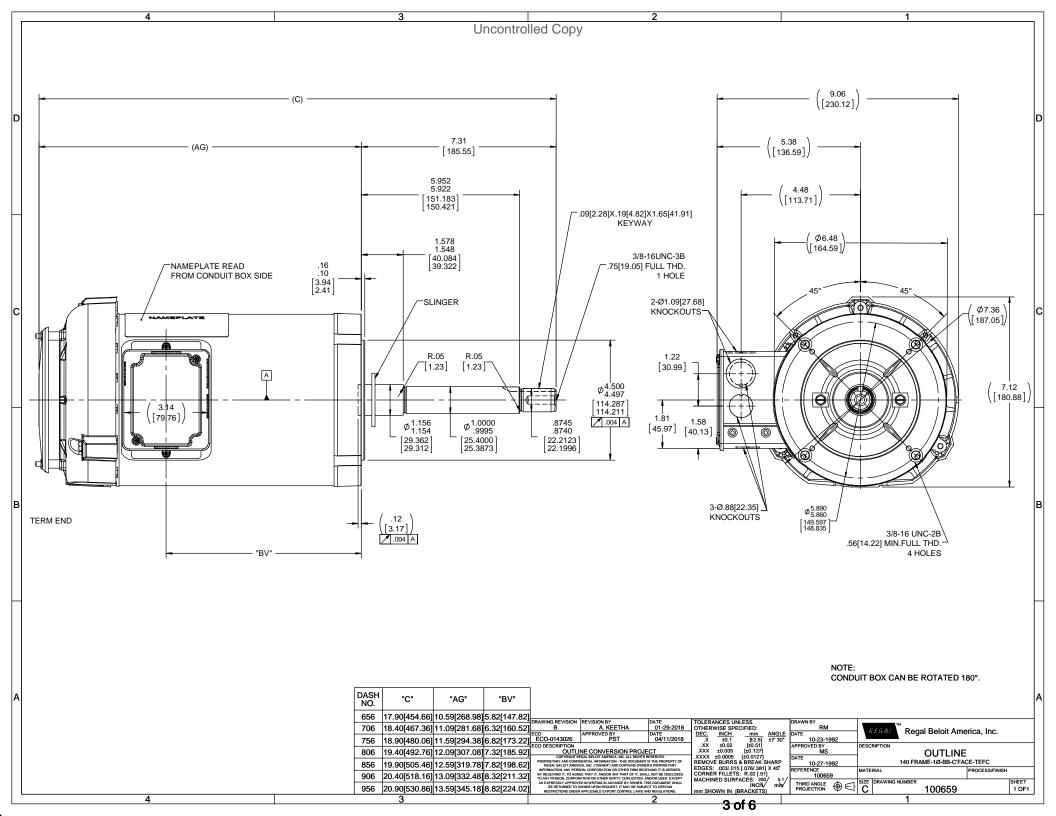
### Nameplate Specifications

1.50 Hp	Output KW	1.1 kW
60 Hz	Voltage	575 V
1.9 A	Speed	1755 rpm
1.15	Phase	3
86.5 %	Power Factor	71
Continuous	Insulation Class	F
В	KVA Code	Р
145JPV	Enclosure	Totally Enclosed Fan Cooled
No	Ambient Temperature	40 °C
6206	Opp Drive End Bearing Size	6203
Recognized	CSA	Υ
Υ	IP Code	43
	60 Hz  1.9 A  1.15  86.5 %  Continuous  B  145JPV  No  6206  Recognized	60 Hz Voltage  1.9 A Speed  1.15 Phase  86.5 % Power Factor  Continuous Insulation Class  B KVA Code  145JPV Enclosure  No Ambient Temperature  6206 Opp Drive End Bearing Size  Recognized CSA

## **Technical Specifications**

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	7.9 Ohms	Mounting	Round
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JP	Overall Length	20.35 in
Frame Length	9.06 in	Shaft Diameter	0.875 in
Shaft Extension	7.31 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7300	Outline Drawing	B-100659-906

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#### **CERTIFICATION DATA SHEET**

 Model#:
 145TTFR16065 AA
 WINDING#:
 ZT4256 FR 4

 CONN. DIAGRAM:
 A-EE7300
 ASSEMBLY:
 F1 ONLY

OUTLINE: B-100659-906

### TYPICAL MOTOR PERFORMANCE DATA

НР	кw	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2	1.12	1800	1755	145JPV	TEFC	Р	В

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	575	1.85	LINE OR	CONTINUOU	F3	1.15	40	3300
				INVERTER	S				

FULL LOAD EFF: 86.5	3/4 LOAD EFF: 85.5	1/2 LOAD EFF: 82.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 71	3/4 LOAD PF: 62.5	1/2 LOAD PF: 49	84	SQ CAGE INV RATED	1.2

F.L. TORQUE LOCKED ROTOR AMPS		L.R. TORQUE	B.D. TORQUE	F.L. RISE°C	
4.5 LB-FT	19.2	21.2 LB-FT 471	26 LB-FT 578	35	

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	0.14 LB-FT^2	10 LB-FT^2	20 SEC.	2	50 LBS.

#### \*\*\* SUPPLEMENTAL INFORMATION \*\*\*

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL OR SHAFT	FALSE	NONE	TRUE	NONE	BLUE (POWDER)
			DOWN					`

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	JP	NONE	NONE	1144	ROLLED STEEL
6206	6203					STRESSPROOF (C-223)	

	THERMO-PF	ROTECTORS	THERMISTORS	CONTROL	SPACE /n HEATERS	
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: CONSTANT 2:1
INV. HP SPEED RANGE: NONE
ENCODER: NONE

NONE NONE
NONE PPR

BRAKE: NONE NONE

NONE P/N NONE

NONE NONE

- FT-LB NONE V NONE Hz

N O T E S

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