

NEMA

Model JMC0752DP
MFG PN: T365T 75U2B

Model JMC0752DP

Product Data Package



MODEL	HP	RPM	VOLTAGE	PHASE	Hz	FRAME	MOUNT	ENCLOSURE
JMC0752DP	75	3560	230/460	3	60	365JM	Rigid/C-Flange	TEFC

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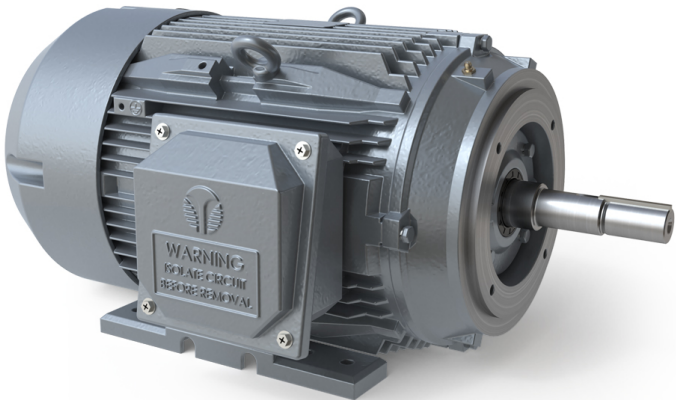
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Index

Motor General Data Sheet	P 2
Nameplate Information	P 3
Technical Performance Data	P 4
Motor General Wiring Diagram	P 5
Motor General Outline Drawing	P 6

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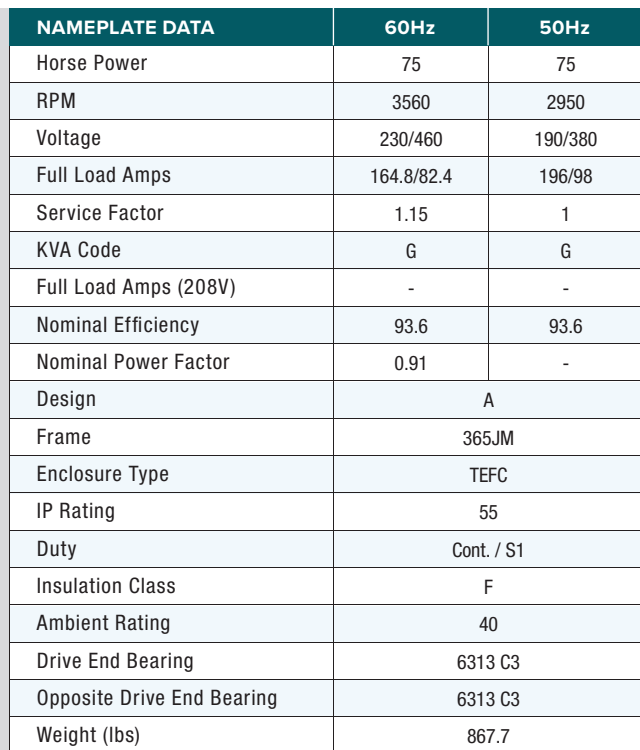
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ELECTRICAL DATA		
Rated Motor Output Power	75	HP
	-	kW
Rated Motor Speed	3560	r/min 60Hz
	2950	r/min 50Hz
Rated Motor Voltage (+/-10%)	230/460	V/60Hz
	190/380	V/50Hz
Rated Motor Current	164.8/82.4	A (I _n) @ 60Hz
	196/98	A (I _n) @ 50Hz
Phase	3	Ø
Locked Rotor Current @ High Voltage	700.9	A (I _n) @ 60Hz
FI Current @ 208V	-	A (I _n) @ 60Hz
Service Factor	1.15	@ 60Hz
	1	@ 50Hz
KVA Code	G	60Hz
	G	50Hz
Nominal Efficiency	93.6	% @ 60Hz
Nominal Power Factor	0.91	cosΦ @ 60Hz
Leads (Qty, Size)	12	8
Connection	DD/D	-
Coil Resistance	17.9	Ω
Start Capacitor	-	µF/V
Run Capacitor	-	µF/V
VFD DUTY (S.F. 1.0)	RATIO	Hz
Variable Torque	1000:1	0.06 - 60
Constant Torque	15:1	4 - 60
FULL LOAD TEMPERATURE RISE		
Full Load Temperature Rise	59.4	°C @ 60Hz
	81.2	°C @ 50Hz

GENERAL DATA		
Frame Size	365JM	
Enclosure	TEFC	
Mounting	Rigid/C-Flange	
Approximate Weight (lbs.)	867.7 lbs.	
Casing Material / Fan Cover	Cast Iron	Cast Iron
Shaft Material	304 SS	
NEMA Design	A	
Degree of Protection (IP)	55	
Insulation Class / Temp Rise (60Hz)	F	B
Tropicalization	YES	
Duty	Cont. / S1	
Conduit Box Location	F1	
Feet Removable / Double Drilled	NO	YES
Paintwork	7024	
	Graphite Gray	
MECHANICAL DATA		
Bearing DE Side	6313 C3	
Bearing ODE Side	6313 C3	
Grease Type	Mobil Polyrex EM	
Compensation Ring (wavy washer)	NDE	
Moment of Inertia (lb-ft²)	8.5	
Sound Pressure @ 3 FT dBA	91.8	
SITE CONDITIONS		
Ambient Temperature (°C)	40	
Meters Above Sea Level (MASL)	1000	
HAZARDOUS LOCATIONS		
CSA Certified	A, B, C & D	
Temperature Code	T3A	-

Questions? Call 1.888.286.1820

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TECHTOP		INDUSTRIAL THREE PHASE PUMP MOTOR INVERTER DUTY 1000:1 VT - 1.0 SF	
MODEL			TECHTOPCANADA.COM
	60Hz	50Hz	MFG PN
			MFG DATE
	HP		SER #
	RPM		DESIGN
	VOLT		FRAME
	FLA		ENCL
	SF		IP
	KVA CODE		DUTY
NOM.EFF		INS CL	AMB
WEIGHT		lbs	

USABLE AT 208V 60Hz		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center;">FLA</td> <td style="width: 70%;"></td> </tr> </table>	FLA	
FLA		

BEARING SIZE	
DE	
ODE	

Energy Efficient Only

MADE IN CHINA

CLASS 1, DIV 2, GROUPS A, B, C AND D

IEEE 54 MARINE DUTY

VFD DUTY (S.F. 1.0)	RATIO	Hz*
Variable Torque	1000:1	0.06 - 60
Constant Torque	15:1	4 - 60

*For max speed please contact Techtop Canada

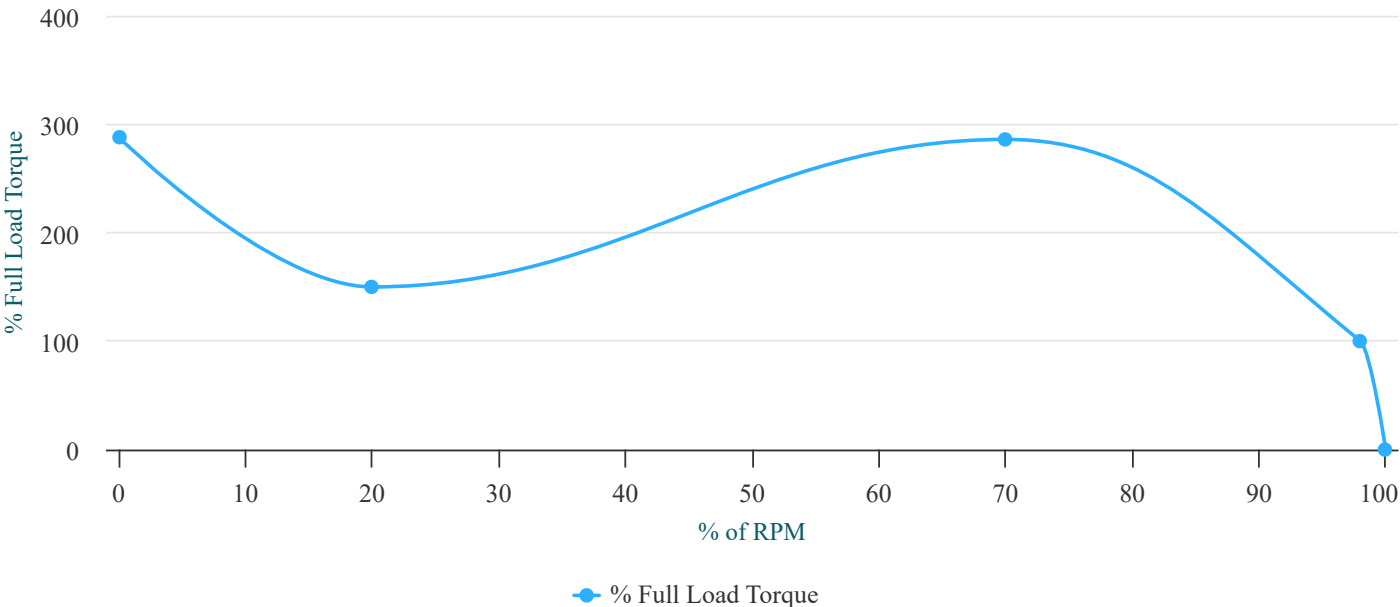
HAZARDOUS LOCATIONS	CSA CERTIFIED
Class / Division	Class I, Div. 2
Groups	A, B, C & D

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Torque Speed (T-n) Curve



PERFORMANCE LOAD VALUES, HIGH VOLTAGE, 60Hz

TORQUE VALUES	TORQUE (lb-ft)	TORQUE (% FULL LOAD)	PERFORMANCE VALUES	
Locked Rotor Torque	318.7	288	Start Configuration	DOL
Pull-Up Torque	166	150	Starting Current (A)	700.9
Breakdown Torque	316.4	286	No-Load Current (A)	20.2
Full Load Torque	110.6	100	No-Load Power Factor	0.09

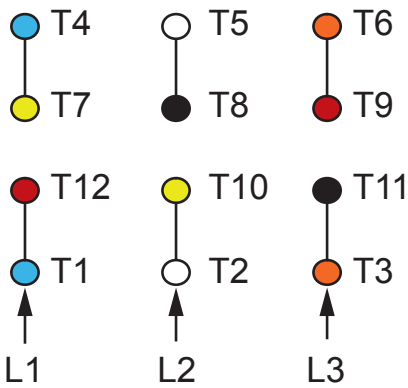
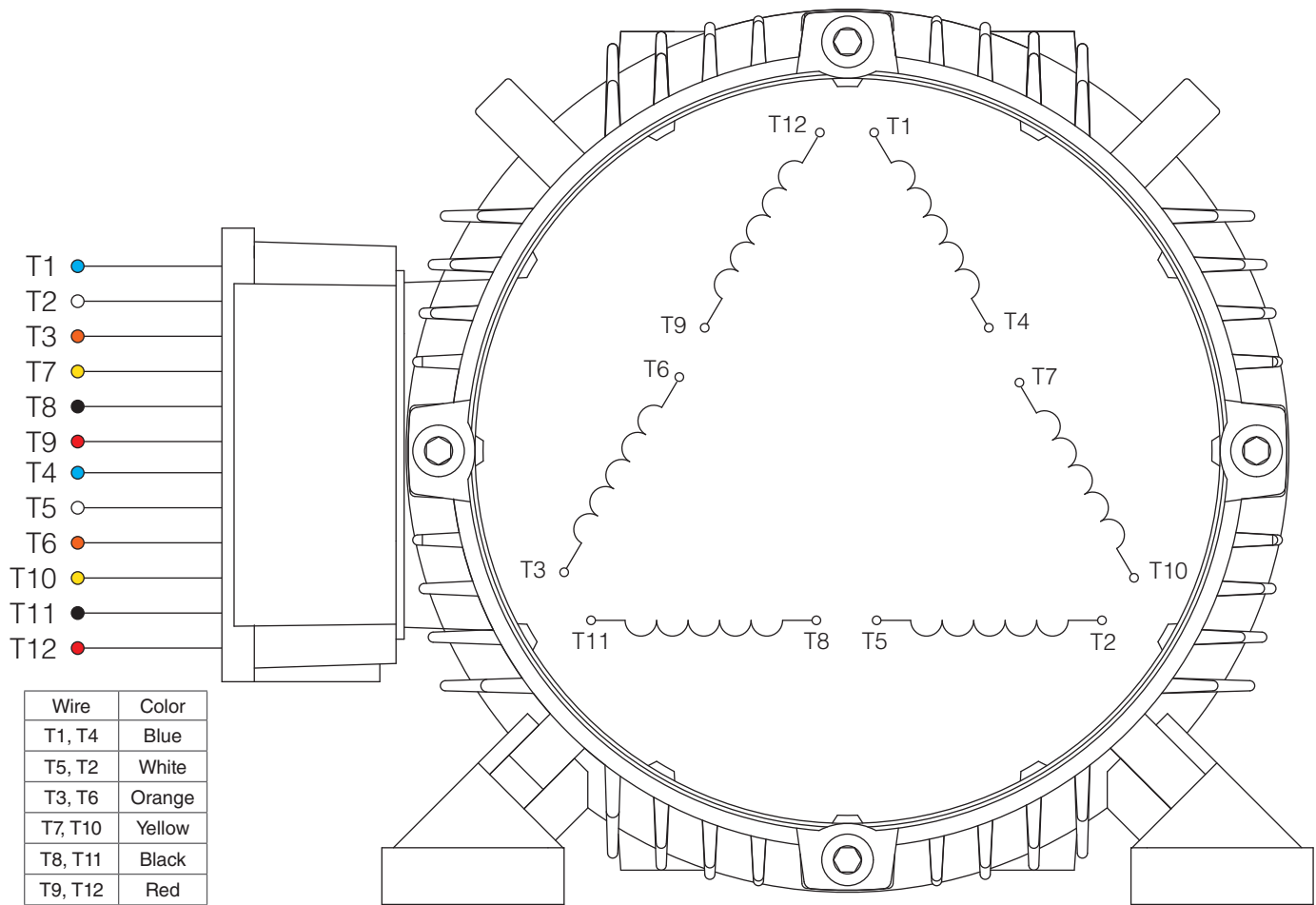
TYPICAL PERFORMANCE - NOT GUARANTEED VALUES

% OF RATED LOAD	25	50	75	100	125	S.F. 1.15
Line Amperes (A)	28.3	43.8	61.3	80.5	100.7	94.0
Efficiency (%)	90.1	93.7	94.5	94.4	94.0	94.0
Speed (r/min)	3591.0	3582.0	3573.0	3563.0	3553.0	-
Power Factor (cosΦ)	0.68	0.84	0.89	0.91	0.91	0.91
Input Power (kW)	15.3	29.4	43.7	58.3	73.1	68.4

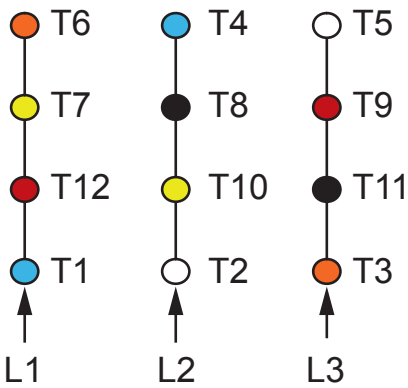
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HIGH VOLTAGE
(Δ)



LOW VOLTAGE
(ΔΔ)

- NOTES:
- 1. CCW ROTATION FACING ODE FOR CONNECTIONS SHOWN
 - 2. TO REVERSE ROTATION, SWAP ANY TWO INPUT LINES
 - 3. WHEN MOTOR IS IN F1 POSITION, LEADS INDICATED WITH “*” EXIT THE CASING ABOVE THE CENTER LINE OF THE MOTOR, THE REMAINING LEADS EXIT BELOW THE CENTER LINE
 - 4. LEADS MUST BE NUMBERED AND COLORED AS SHOWN
 - 5. DIAGRAMS FOR REFERENCE ONLY



DRAWING NUMBER:	NEMA-3-12-DD-D
CONNECTION:	DD/D
NUMBER OF LEADS:	12
THERMAL PROTECTION:	-

NEMA 3Ø DD/D 12-Lead Dual Voltage

ISSUED DATE	13/11/25
PREMIUM JM-JP PUMP MOTORS	



NEMA Premium TEFC 365JM

DRAWING NUMBER:	GR3-CI-TF-365JM-CFC	ISSUED DATE	13/11/25
DIMENSIONS:	Inches		
MOUNTING:	Rigid/C-Flange	PREMIUM JM-JP PUMP MOTORS	
CASING MATERIAL:	Cast Iron		