

UNITS: INCHES		NOTES:			
ROTATION FROM NDE		1. MAIN CONDUIT BOX MAY BE ROTATED IN 90° IN	ICREMENTS		
		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOS AVAILABLE ONLY BY CONNECTION CHANGE.	ITE ROTATION		
		3. KEY DIMENSIONS EQUAL 0.625"x 0.625"x 4.25"	(MOTOR SUPPLIED WITH KEY)		
TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECH	NICAL IMPROVEMENT AND THE DATA MAY CHANGE V	VITHOUT NOTICE	PRELIMINARY		
DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICAT	SCERTIFIED	X CERTIFIED			
	TOTALLY ENCLOSED FAN COOLED	DRAWING #: MDSLV085-07			
TOSHIBA PETRO-CHEMICAL DUTY	FOOTED C-FACED	REV. DATE: 07/17/18 REV. #: 3	PER.: M. O'DOWD		
www.toshiba.com/tic	3 PHASE INDUCTION MOTOR	REV. DESCRIP.:			
TOSHIBA INTERNATIONAL CORPORATION	364TC-365TC F1 ASSEMBLY				

				Issued Date	9/24/2019		Transmit #		
				Issued By	dschoeck		Issued Rev		
TOS	5 H I E	5A							
		TYF	PICAL MOTO	R PERFORM	IANCE DATA				
Model:	0754XDSC42A-F								
UD	1-36/	Data	FL RPM	F uerra	Valtara	11-	Dhasa		
HP 75	kW 55	Pole 4	1780	Frame 365TC	Voltage 575	Hz 60	Phase 3	FL Amps 69	
15		4	1700	30310	NEMA	NEMA	5	Ambient	
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Design	kVA Code	(°C)	
TEFC	56	F	1.15	CONT	95.4	B	G	40 C	
0				00111		_	Ŭ		
Load	HP	kW	Ampe	eres	Efficiency	(%)	Power Fa	ictor (%)	
Full Load	75	55.9	69.0		95.4		87.4		
³ ⁄ ₄ Load	56.25	41.9	51.0		95.0		86.		
1/2 Load	37.50	28.0	36.4		93.8		81.		
1/4 Load	18.75	14.0	24.1		88.8		65.	-	
No Load		-	18.4				4.6		
Locked Rotor			434	+			26.5	2	
			Torque	9				Rotor wk ²	
Full Lo	bad	Locked	I Rotor		ll Up	Brea	ak Down	Inertia	
(lb-fi	t)	(%	·LT)	(%	FLT)	(%	6 FLT)	(lb-ft²)	
221		15	0	12	25		260	20.46	
Safe Stall	Time(s)	Sound		Bearing	js*		Approx. Mo	tor Weight	
Cold	Hot	Pressure dB(A) @ 1M	DE	- 1	NDE		(lbs)		
35	15	-	63140	23	6312C3		102	0	
*Bearings are the only re	ecommended spar	e part(s).							
Motor Options:									
Product Family:EQP Glo Mounting:C-Face Foote	obal 841 CFace Fo	ooted							
Mounting.C-race roole									
Customer									
Customer Customer PO									
Customer PO Sales Order									
Customer PO Sales Order Project #									
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Customer PO Sales Order Project # Tag:	erage expected va	alues. TOSHIBA INTER	NATIONAL CO	RPORATION · H	IOUSTON, TEX	AS U.S.A.			
Customer PO Sales Order Project # Tag:			NATIONAL CO	Doc. Written By	HOUSTON, TEXA		Doc.# / Rev	MPCF-1119 / 1	
Customer PO Sales Order Project # Tag: All characteristics are av	j	TOSHIBA INTER	NATIONAL CO				Doc.# / Rev Doc. Issued	MPCF-1119 / 1 9/20/2019	

			Issued Date	9/24/2019	9	Transmit #	
	_		Issued By	dschoeck	(Issued Rev	
0754XDSC42A-P			UE/CURREN	T CURVE			
kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
55	4	1780	365TC	575	60	3	69
IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
56	F	1.15	CONT	95.4	В	G	40 C
Rotor wk ²	Torque						
Inertia	Full Load	Locked Rotor		Pull Up		Break Down	
(lb-ft²)	(lb-ft)	(%)		(%)		(%)	
20.46	221	150		125		260	
0		Des	sign Valu	es			
	0754XDSC42A-P kW 55 IP 56 Rotor wk ² Inertia	0754XDSC42A-PkWPole554IPIns. Class56FRotor wk²InertiaInertiaFull Load(Ib-ft²)(Ib-ft)20.46221	KW Pole FL RPM 55 4 1780 IP Ins. Class S.F. 56 F 1.15 Rotor wk² Inertia Full Load Locked (Ib-ft²) (Ib-ft) (% 20.46 221 150	kw Pole FL RPM Frame 55 4 1780 365TC IP Ins. Class S.F. Duty 56 F 1.15 CONT Rotor wk² Full Load Locked Rotor (lb-ft²) (lb-ft) (%) 20.46 221 150	Notice Strict Issued By dschoed SPEED TORQUE/CURRENT CURVE 0754XDSC42A-P kW Pole FL RPM Frame Voltage 55 4 1780 365TC 575 IP Ins. Class S.F. Duty NEMA Nom. Eff. 56 F 1.15 CONT 95.4 Rotor wk² Torque Inertia Full Load Locked Rotor Pull U (lb-ft2) (lb-ft) (%) (%)	Issued By dschoeck SPEED TORQUE/CURRENT CURVE 0754XDSC42A-P kW Pole FL RPM Frame Voltage Hz 55 4 1780 365TC 575 60 IP Ins. Class S.F. Duty NEMA Nom. Eff. Design 56 F 1.15 CONT 95.4 B Torque Inertia Full Load Locked Rotor Pull Up (lb-ft') (lb-ft) (%) (%) 125	Issued By dschoeck Issued Rev SPEED TORQUE/CURRENT CURVE 0754XDSC42A-P kW Pole FL RPM Frame Voltage Hz Phase 55 4 1780 365TC 575 60 3 IP Ins. Class S.F. Duty NEMA Nom. Eff. NEMA Design kVA Code 56 F 1.15 CONT 95.4 B G Torque Inertia Full Load Locked Rotor Pull Up Break I (Ib-ft²) (Ib-ft) (%) (%) (%) 20.46 221 150 125 26



Doc. Approved By

M. Campbell

Doc. Issued

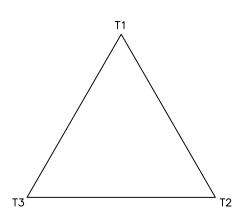
9/20/2019

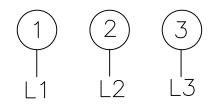
4/1/2014

Engr. Date

3SVD

Motor Connection Diagram 3 Leads - Delta Connection





Switch L1 and L2 to reverse rotation

Each lead may consist of more than one cable. If multiple cables represent a single lead, each one of them will be labeled with the appropriate lead number.