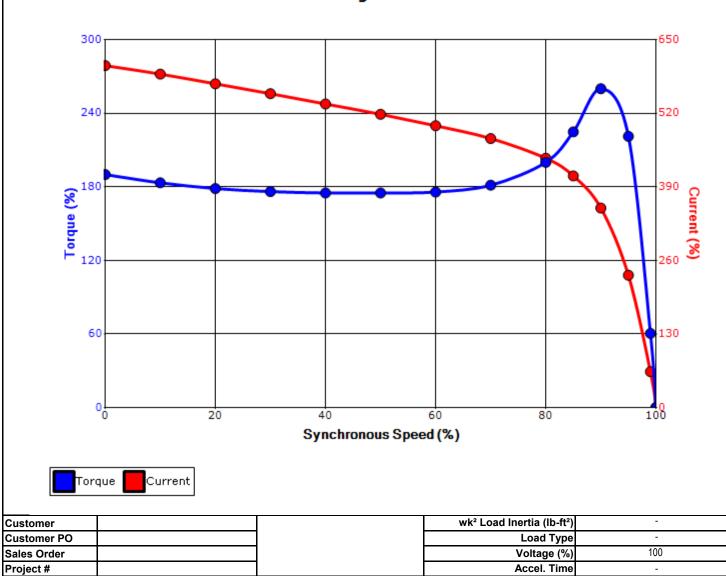


		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOS AVAILABLE ONLY BY CONNECTION CHANGE.	SITE ROTATION
		3. KEY DIMENSIONS EQUAL 0.625"x 0.625"x 4.25"	(MOTOR SUPPLIED WITH KEY)
TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHN	NICAL IMPROVEMENT AND THE DATA MAY CHANGE V	VITHOUT NOTICE	PRELIMINARY
DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICAT	ION PURPOSES UNLESS THE DRAWING IS MARKED AS	SCERTIFIED	X CERTIFIED
	TOTALLY ENCLOSED FAN COOLED	DRAWING #: MDSLV005-07	
	FOOTED C-FACED	REV. DATE: 07/11/18 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	12/18/2019		Transmit #	
				Issued By	dschoeck		Issued Rev	
	SHIB	A						
		TYI	PICAL MOTO	RPERFORM	MANCE DATA			
Model:	0406SDSR42A-P							
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
40	30	6	1180	364TC	230/460	60	3	96/48
					NEMA	NEMA		Ambient
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Design	kVA Code	(°C)
TEFC	55	F	1.15	CONT	94.1	В	G	40 C
	НР	kW	Amp		Efficiency	(0/)	Power Fa	etor (%)
Load Full Load	40	29.8	48.		94.1	(70)	85.	
³ / ₄ Load	30.00	23.0	36.		93.9		81.	
1/2 Load	20.00	14.9	27.		92.9		73.	
¹ / ₄ Load	10.00	7.5	19.		88.7		53.	
No Load		•	15.	5			4.8	3
Locked Rotor			288	3			37.	0
	-	-		-				
			Torque	_				Rotor wk ²
Full L	oad	Locke	d Rotor		ll Up	Bro	ak Down	Inertia
(lb-f			FLT)		FLT)		% FLT)	(lb-ft²)
178	-		90	-	75	(/	260	17.67
							200	
Safe Stall	Time(s)	Sound		Bearin	gs*		Approx. Mo	tor Weight
Safe Stall Cold	Time(s) Hot	Pressure			-			-
Cold	Hot	Pressure dB(A) @ 1M	DI	E	NDE		(Ib	s)
		Pressure	DI 6314Z	E	-			s)
Cold 35	Hot 15	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold	Hot 15	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only re	Hot 15	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only n Motor Options:	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only re	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only n Motor Options: Product Family:EQP GI	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only n Motor Options: Product Family:EQP GI	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only n Motor Options: Product Family:EQP GI	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only n Motor Options: Product Family:EQP GI	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only n Motor Options: Product Family:EQP GI	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only n Motor Options: Product Family:EQP GI	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only n Motor Options: Product Family:EQP GI	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only n Motor Options: Product Family:EQP GI	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only n Motor Options: Product Family:EQP GI	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only n Motor Options: Product Family:EQP GI	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Foote	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Foote Mounting:C-Face Foote Customer Customer PO Sales Order	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only m Motor Options: Product Family:EQP GI Mounting:C-Face Foote Mounting:C-Face Foote Customer Customer Customer PO Sales Order Project #	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Foote Mounting:C-Face Foote Customer Customer PO Sales Order	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only m Motor Options: Product Family:EQP GI Mounting:C-Face Foote Mounting:C-Face Foote Customer Customer Customer PO Sales Order Project #	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only m Motor Options: Product Family:EQP GI Mounting:C-Face Foote Mounting:C-Face Foote Customer Customer Customer PO Sales Order Project #	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Foote Mounting:C-Face Foote Customer Customer PO Sales Order Project # Tag:	Hot 15 ecommended spare lobal SD CFace Foc ed,Shaft:T Shaft	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only m Motor Options: Product Family:EQP GI Mounting:C-Face Foote Mounting:C-Face Foote Customer Customer Customer PO Sales Order Project #	Hot 15 ecommended spare obal SD CFace Foc ed,Shaft:T Shaft	Pressure dB(A) @ 1M	6314Z	E	NDE 6312C3		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Foote Mounting:C-Face Foote Customer Customer PO Sales Order Project # Tag: All characteristics are av	Hot 15 ecommended spare obal SD CFace Foc ad,Shaft:T Shaft verage expected val	Pressure dB(A) @ 1M	6314Z	E C3 C3	NDE 6312C3		(Ib 82	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Foote Mounting:C-Face Foote Customer Customer PO Sales Order Project # Tag:	Hot 15 ecommended spare obal SD CFace Foo ed,Shaft:T Shaft verage expected val	Pressure dB(A) @ 1M	6314Z	E	NDE 6312C3		(Ib	s)

				Issued Date	12/18/2019		Transmit #		
				Issued By	dschoeck		Issued Rev		
	SHIE	5A							
		TYP	PICAL MOTO	R PERFORM	IANCE DATA				
Model:	0406SDSR42A-P								
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps	
40	30	6	975	364TC	190/380	50	3	120/60	
Englassing	10		0.5	Duty	NEMA	NEMA		Ambient	
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Design	kVA Code	(°C)	
TEFC	55	F	1.0	CONT	91.7	В	G	40 C	
Load	НР	kW	Amp	eres	Efficiency	(%)	Power Fa	actor (%)	
Full Load	40	29.8	60.		93.9	(70)	81.		
³ / ₄ Load	30.00	22.4	44.		94.6		78.		
1/2 Load	20.00	14.9	31.		94.6		70.		
1/4 Load	10.00	7.5	22.	2	89.0		57.	3	
No Load			15.	9			4.5	5	
Locked Rotor	-		34	5			36.	9	
	-	-		-					
			Torqu	9				Rotor wk ²	
Full L	oad	Locke	d Rotor		ll Up	Brea	ak Down	Inertia	
(lb-			FLT)		FLT)		% FLT)	(lb-ft²)	
215	-	15			35	-	210	17.67	
				<u> </u>					
		-							
Safe Stall	Time(s)	Sound		Bearing	gs*		Approx. Mo	tor Weight	
Cold	Hot	Pressure dB(A) @ 1M	D	= 1	NDE	NDE		(lbs)	
05	10						820		
25	10	-	6314Z	.03	6312C3		020		
*Bearings are the only r	ecommended spar	e part(s).							
Motor Options: Product Family:EQP G	lobal SD CEace Fo	oted							
Mounting:C-Face Foote	ed,Shaft:T Shaft								
Customer									
Customer Customer PO									
Customer PO									
Customer PO Sales Order									
Customer PO Sales Order Project #									
Customer PO Sales Order Project #									
Customer PO Sales Order Project #									
Customer PO Sales Order Project #	verage expected va								
Customer PO Sales Order Project # Tag:	verage expected va		NATIONAL CO		HOUSTON, TEXA	AS U.S.A.			
Customer PO Sales Order Project # Tag: All characteristics are a Engineering	j j	TOSHIBA INTER	NATIONAL CO	Doc. Written By	D. Suarez		 Doc.# / Rev	MPCF-1119 / 1	
Customer PO Sales Order Project # Tag: All characteristics are a	j j	TOSHIBA INTER	RNATIONAL CO				Doc.# / Rev Doc. Issued	MPCF-1119 / 1 9/20/2019	

				Issued Date	12/18/201	9	Transmit #	
		_		Issued By	dschoecl	(Issued Rev	
		A SF	PEED TORQ	UE/CURREN	T CURVE			
HP	0406SDSR42A-P	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
40	30	6	1180	364TC	230/460	60	3	96/48
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	94.1	В	G	40 C
	Rotor wk ²	•			Torque			
Locked Rotor Amps	Inertia (Ib-ft²)	Full Load (lb-ft)	Locked (%		Pull U (%)	р	Break I (%	
	17.67	178	190		175		260	



Design Values

All characteristics are av	verage expected values.				
	TOSHIBA INTER	RNATIONAL CORPORATION ·	HOUSTON, TEXAS U.S.A.		
Engineering	aacosta	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121/1
Engr. Date	4/19/2012	Doc. Approved By	M. Campbell	Doc. Issued	9/20/2019

Tag:

			Issued Date	12/18/201	9	Transmit #	
	_		Issued By	dschoecl	ĸ	Issued Rev	
SHIB	A SF	PEED TORQ	UE/CURREN	T CURVE			
0406SDSR42A-P							
kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
30	6	975	364TC	190/380	50	3	120/60
IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
55	F	1.0	CONT	91.7	В	G	40 C
Rotor wk ²	•		•	Torque		•	
Inertia	Full Load	Locked Rotor		Pull Up		Break Down	
(ID-π²) (ID-π) 17.67 215		(%) 150		135			
		De	sian Valu	95			
	0406SDSR42A-P kW 30 IP 55 Rotor wk ² Inertia (Ib-ft ²)	kW Pole 30 6 IP Ins. Class 55 F Rotor wk² Full Load (lb-ft²) (lb-ft)	KW Pole FL RPM 30 6 975 IP Ins. Class S.F. 55 F 1.0 Rotor wk² Full Load Locked (lb-ft²) (lb-ft) (%) 17.67 215 150	kW Pole FL RPM Frame 30 6 975 364TC IP Ins. Class S.F. Duty 55 F 1.0 CONT Rotor wk² Full Load Locked Rotor (%) 17.67 215 150 150	kW Pole FL RPM Frame Voltage 30 6 975 364TC 190/380 IP Ins. Class S.F. Duty NEMA Nom. Eff. 55 F 1.0 CONT 91.7 Rotor wk² Full Load Locked Rotor Pull U (lb-ft²) (lb-ft) (%) (%)	kw Pole FL RPM Frame Voltage Hz 30 6 975 364TC 190/380 50 IP Ins. Class S.F. Duty NEMA Nom. Eff. Design 55 F 1.0 CONT 91.7 B Rotor wk² Torque Inertia Full Load Locked Rotor Pull Up (lb-ft²) (lb-ft) (%) 135	kw Pole FL RPM Frame Voltage Hz Phase 30 6 975 364TC 190/380 50 3 IP Ins. Class S.F. Duty NEMA Nom. Eff. Design kVA Code 55 F 1.0 CONT 91.7 B G Rotor wk² Torque Inertia Full Load Locked Rotor Pull Up Break IC (Ib-ft²) (Ib-ft) (%) (%) (%) (%)

