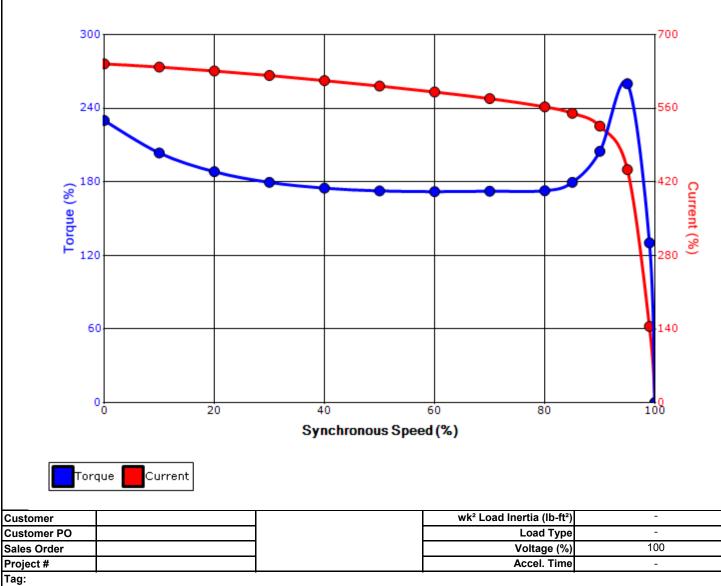
	TOSHIBA INTERNATIONAL CORPORATION TOSHIBA INTERNATIONAL CORPORATION	TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARK	PER: DATE:	CUSTOMER:	FRAME MOUNTING SHAFT EXTENSION KEY SEAT BEARINGS MAXIMUM SIZE E 2F H BA N-W V U R S LS OS WEIGHT 447TS 9.00 20.00 0.86 7.50 4.75 4.50 2.375 2.021 0.625 3.00 6313C3 6313C3 2270 Ibs.	FRAME MOTOR DIMENSIONS CONDUIT BOX SIZE A B C D G J K M O P T MINPTI AB AC AE AF XL XN 447TS 21.9 22.9 48.7 11.00 1.1 4.3 4.8 19.3 22.0 22.4 3.6 3.00 20.2 15.9 11.00 9.2 15.2 10.3	3/8"-16 UNC GND BOLT SEE NOTE 6		
MDSL0031-13 R06	XT SERIES VISIT OUR WEBSITE AT: www.toshiba.com/ind	ANGE WITHOUT NOTICE X PRELIMINARY MARKED AS CERTIFIED CERTIFIED		 X STANDARD (NO AUX. BOXES) RTD AUX. BOX SPACE HEATER AUX. BOX BEARING RTD's 	5. STANDARD PRODUCT USE BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE 6. FRAME GROUND BOLT STANDARD ON 841 PRODUCT	3. KEY DIMENSIONS EQUAL S × S × 3.215 (MOTOR SUPPLIED WITH KEY) 4. MOTOR WEIGHT SHOWN IS MAXIMUM	NOTES: 1. DIMENSION V REPRESENTS LENGTH OF STRAIGHT PART OF SHAFT 2. MAIN CONDUIT BOX MAY BE ROTATED IN GOT INCREMENTS		FS FS FS FS FS FS FS FS FS FS FS FS FS F

				Issued Date	9/24/201		Transmit #	
TOC				Issued By	dschoec	k	Issued Rev	
	SHIB	A						
		TYF	PICAL MOTO	RPERFORM	IANCE DATA			
Model:	B2003FLG3BS	SHD						
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
200	150	2	3575	447TS	460	60	3	224
		_			NEMA	NEMA	-	Ambient
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Design	kVA Code	(°C)
TEFC	56	F	1.15	CONT	95.8	В	G	40 C
	•							
	1							
Load	HP	kW	Amp		Efficiency	(%)	Power Fa	1 1
Full Load	200	149.1	223		95.9		87	
³ / ₄ Load	150.00	111.9	174		95.2		84.7 78.0	
½ Load ¼ Load	100.00 50.00	74.6 37.3	128 90		93.6 88.5		58	
Va Load		01.0		-	00.0		58	
Locked Rotor			14				36	
			Torqu					Rotor wk ²
Full Lo			d Rotor		ll Up		ak Down	Inertia
(lb-fi	-	-	FLT)	-	FLT)	(%	% FLT)	(lb-ft²)
294		23	30	1	175		260	46.88
Safe Stall	Time(s)	Sound		Boaring	ne*		Approx Mo	tor Weight
		Pressure		Bearing			Approx. Mo	tor Weight
Safe Stall	Time(s) Hot		D	-	gs* NDE		Approx. Mo (Ib	
		Pressure	DI 6313	E				s)
Cold	Hot	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 16.9	Hot 8.6	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold	Hot 8.6	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options:	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options:	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,SI	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sf Mounting:Footed,Sf	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,SI Mounting:Footed,SI Customer Customer Customer PO Sales Order	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sf Mounting:Footed,Sf Customer Customer Customer PO Sales Order Project #	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,SI Mounting:Footed,SI Customer Customer Customer PO Sales Order	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sf Mounting:Footed,Sf Customer Customer Customer PO Sales Order Project #	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sf Mounting:Footed,Sf Customer Customer Customer PO Sales Order Project #	Hot 8.6 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,SI Mounting:Footed,SI Customer Customer PO Sales Order Project # Tag:	Hot 8.6 ecommended spare P Global 840 haft:TS Shaft	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sf Mounting:Footed,Sf Customer Customer Customer PO Sales Order Project #	Hot 8.6 ecommended spare P Global 840 haft:TS Shaft	Pressure dB(A) @ 1M -	6313	E	NDE 6313C3		(Ib	s)
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sf Mounting:Footed,Sf Customer Customer Customer PO Sales Order Project # Tag: All characteristics are av	Hot 8.6 ecommended spare P Global 840 haft:TS Shaft	Pressure dB(A) @ 1M - e part(s).	6313	E 3C3	NDE 6313C3	AS U.S.A.	(lb 23)	s) 37
Cold 16.9 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,SI Mounting:Footed,SI Customer Customer PO Sales Order Project # Tag:	Hot 8.6 ecommended spare P Global 840 haft:TS Shaft	Pressure dB(A) @ 1M -	6313	E	NDE 6313C3	AS U.S.A.	(Ib	s)

				Issued Date	9/24/20	19	Transmit #				
		_		Issued By	dschoe	ck	Issued Rev				
TOSHIBA SPEED TORQUE/CURRENT CURVE											
Model:	B2003FLG3BSH	D									
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps			
200	150	2	3575	447TS	460	60	3	224			
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)			
TEFC	56	F	1.15	CONT	95.8	В	G	40 C			
	Rotor wk ²	Torque									
Locked Rotor	Inertia	Full Load Locked		Rotor	Pull Up		Break Down				
Amps	(lb-ft²)	(lb-ft)	(%	()	(%)		(%)				
	46.88	294 230		0 175			260				



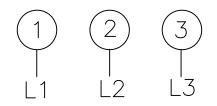
Design Values

All characteristics are average expected values.									
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.									
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121/1				
Engr. Date	3/4/2015	Doc. Approved By	M. Campbell	Doc. Issued	9/20/2019				

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.