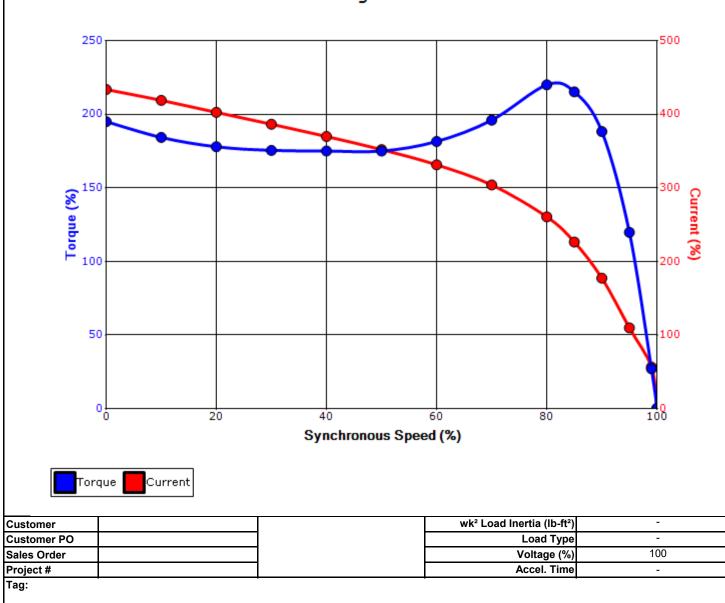


ROTATION FROM NDE		1. MAIN CONDUIT BOX MAY BE ROTATED IN 90°	NCREMENTS
		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOS AVAILABLE ONLY BY CONNECTION CHANGE.	SITE ROTATION
		3. KEY DIMENSIONS EQUAL 0.375"x 0.375"x 2.88"	(MOTOR SUPPLIED WITH KEY)
TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHI	NICAL IMPROVEMENT AND THE DATA MAY CHANGE V	VITHOUT NOTICE	PRELIMINARY
DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICAT	TION PURPOSES UNLESS THE DRAWING IS MARKED AS	SCERTIFIED	X CERTIFIED
	TOTALLY ENCLOSED FAN COOLED	DRAWING #: MDSLV001-04	
	HORIZONTAL FOOT MOUNTED	REV. DATE: 06/29/18 REV. #: 3	PER.: M. O'DOWD
www.toshiba.com/tic	3 PHASE INDUCTION MOTOR	REV. DESCRIP.:	
TOSHIBA INTERNATIONAL CORPORATION	254T-256T F1 ASSEMBLY		

				Issued Date	12/17/202		Transmit #					
				Issued By	dschoed	k	Issued Rev					
105	SHIB	A										
		TYP	PICAL MOTO	OR PERFORM	IANCE DATA							
		-										
Model:	Y758SDSR41A	л-Р										
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps				
7.50	5.5	8	865	256T	230/460	60	3	23.00/11.50				
Frieldown	ID		0.5	Duti	NEMA	NEMA	kVA Code	Ambient				
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Design	KVA Code	(°C)				
TEFC	55	F	1.15	CONT	86.5	В	F	40 C				
Load	HP	kW	Amp	eres	Efficiency	(%)	Power Fa	actor (%)				
Full Load	7.50	5.6	11		88.7	(70)	70					
³ ⁄ ₄ Load	5.63	4.2	9.	-	88.4		63					
1/2 Load	3.75	2.8	7.	.9	86.3		51	.0				
¼ Load	1.88	1.4	6.	3	79.3		35	5.0				
No Load			5.	8								
Locked Rotor			48	.5			43	.2				
			Torqu	e				Rotor wk ²				
Full Lo	ad	Locke	d Rotor		ll Up	Bre	ak Down	Inertia				
(lb-ft			FLT)		FLT)	_	% FLT)	(lb-ft²)				
45.5			95		75		220	2.58				
		•		•								
							1					
Safe Stall	Time(s)	Sound		Bearing	gs*		Approx. Mo	otor Weight				
			sure									
Cold	Hot			F	NDE		Cold Hot dB(A) @ 1M DE NDE (lbs)					
		dB(A) @ 1M				<u>.</u>	(Ib	os)				
Cold 35	Hot 15		D 63092		NDE 6309ZZC	:3	(lk	os)				
		dB(A) @ 1M				3	(lk	os)				
	15	dB(A) @ 1M -				:3	(It	95)				
35 *Bearings are the only re	15	dB(A) @ 1M -				3	(It	95)				
35 *Bearings are the only re Motor Options:	15 ecommended spare	dB(A) @ 1M -				:3	(11	os)				
35 *Bearings are the only re	15 ecommended spare	dB(A) @ 1M -				:3	(11	95)				
35 *Bearings are the only re Motor Options: Product Family:EQF	15 ecommended spare	dB(A) @ 1M -				:3	(11	os)				
35 *Bearings are the only re Motor Options: Product Family:EQF	15 ecommended spare	dB(A) @ 1M -				3	(1	os)				
35 *Bearings are the only re Motor Options: Product Family:EQF	15 ecommended spare	dB(A) @ 1M -				3	(95) 				
35 *Bearings are the only re Motor Options: Product Family:EQF	15 ecommended spare	dB(A) @ 1M -				:3	(1	95) 				
35 *Bearings are the only re Motor Options: Product Family:EQF	15 ecommended spare	dB(A) @ 1M -				3	(95) 				
35 *Bearings are the only re Motor Options: Product Family:EQF	15 ecommended spare	dB(A) @ 1M -				3	(os)				
35 *Bearings are the only re Motor Options: Product Family:EQF	15 ecommended spare	dB(A) @ 1M -				3	(os)				
35 *Bearings are the only re Motor Options: Product Family:EQF	15 ecommended spare	dB(A) @ 1M -				3	(9S)				
35 *Bearings are the only re Motor Options: Product Family:EQF	15 ecommended spare	dB(A) @ 1M -					(95)				
35 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sh	15 ecommended spare	dB(A) @ 1M -					(PS)				
35 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sr	15 ecommended spare	dB(A) @ 1M -					(PS)				
35 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sh	15 ecommended spare	dB(A) @ 1M -					(PS)				
35 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sr Mounting:Footed,Sr	15 ecommended spare	dB(A) @ 1M -				3	(PS)				
35 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sr Customer Customer Customer PO Sales Order	15 ecommended spare	dB(A) @ 1M -				3	(PS)				
35 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sh Customer Customer Customer PO Sales Order Project #	15 ecommended spare	dB(A) @ 1M -					(PS)				
35 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sh Customer Customer Customer PO Sales Order Project #	15 ecommended spare	dB(A) @ 1M -						PS)				
35 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sh Customer Customer Customer PO Sales Order Project #	15 ecommended spare	dB(A) @ 1M -						PS)				
35 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sh Customer Customer Customer PO Sales Order Project #	15 ecommended spare P Global SD haft:T Shaft	dB(A) @ 1M						PS)				
35 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sr Customer Customer Customer PO Sales Order Project # Tag:	15 ecommended spare D Global SD haft:T Shaft erage expected val	dB(A) @ 1M - part(s).	63092	ZZC3				PS)				
35 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sr Customer Customer Customer PO Sales Order Project # Tag:	15 ecommended spare P Global SD haft:T Shaft erage expected val	dB(A) @ 1M - part(s).	63092	ZZC3	6309ZZC	AS U.S.A.	(It					
35 *Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sh Customer Customer PO Sales Order Project # Tag: All characteristics are ave	15 ecommended spare P Global SD haft:T Shaft erage expected val	dB(A) @ 1M part(s)	63092	ZZC3	6309ZZC	AS U.S.A.		 MPCF-1119 / 1				

				Issued Date	12/17/20		Transmit #		
				Issued By	dschoed	CK	Issued Rev		
TOS) H I B	A							
		TYF	PICAL MOTO	R PERFORM	ANCE DATA				
Model:	Y758SDSR41	A-P							
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps	
5	3.7	8	720	256T	190/380	50	3	20.00/10.00	
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)	
TEFC	55	F	1.15	CONT	84.8	B	G	40 C	
Load	HP	kW	Amp	eres	Efficiency	(%)	Power Fa	ictor (%)	
Full Load	5	3.7	9.	8	87.4		65	.8	
¾ Load	3.75	2.8	8.	5	86.5		57	.7	
½ Load	2.50	1.9	7.	4	83.4		45	.3	
¼ Load	1.25	0.9	4.	3	80.3		40	.8	
No Load		·	5.	7					
ocked Rotor			45	.3			45	.4	
			Torque	9				Rotor wk ²	
Full Lo	ad	Locked	d Rotor	Pull	Up	Brea	ak Down	Inertia	
(lb-ft		(% F		(% F	-		% FLT)	(lb-ft²)	
36.5		-	30	21		(,	250	2.58	
00.0	-					Į	200	2.00	
Safe Stall	Гіme(s) Hot	Sound Pressure		Bearing	S*		Approx. Mo	tor Weight	
0010	100	dB(A) @ 1M	DI	E	NDE		(Ibs)		
35	15	-	63092	ZZC3	6309ZZ0	23			
	commended spare	e part(s).							
Motor Options: Product Family:EQF	P Global SD haft:T Shaft								
Motor Options: Product Family:EQF Mounting:Footed,Sf	P Global SD haft:T Shaft								
*Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sf Mounting:Footed	P Global SD haft:T Shaft								
Motor Options: Product Family:EQF Mounting:Footed,Sf Mounting:Footed,Sf	P Global SD haft:T Shaft								
Motor Options: Product Family:EQF Mounting:Footed,Sf Customer Customer PO Sales Order	P Global SD haft:T Shaft								
Motor Options: Product Family:EQF Mounting:Footed,Sf	P Global SD haft:T Shaft								
Motor Options: Product Family:EQF Mounting:Footed,Sf Customer Customer PO Sales Order Project # Tag:	erage expected val								
Motor Options: Product Family:EQF Mounting:Footed,Sf Mounting:Footed,Sf Customer PO Sales Order Project # Fag:	erage expected val	TOSHIBA INTER	NATIONAL CO	RPORATION - H					
Motor Options: Product Family:EQF Mounting:Footed,Sf Mounting:Footed,Sf Customer Customer Project #	erage expected val		NATIONAL CO	RPORATION • H Doc. Written By Doc. Approved By	OUSTON, TEX D. Suarez M. Campbe		Doc.# / Rev Doc. issued	MPCF-1119 / 1 9/20/2019	

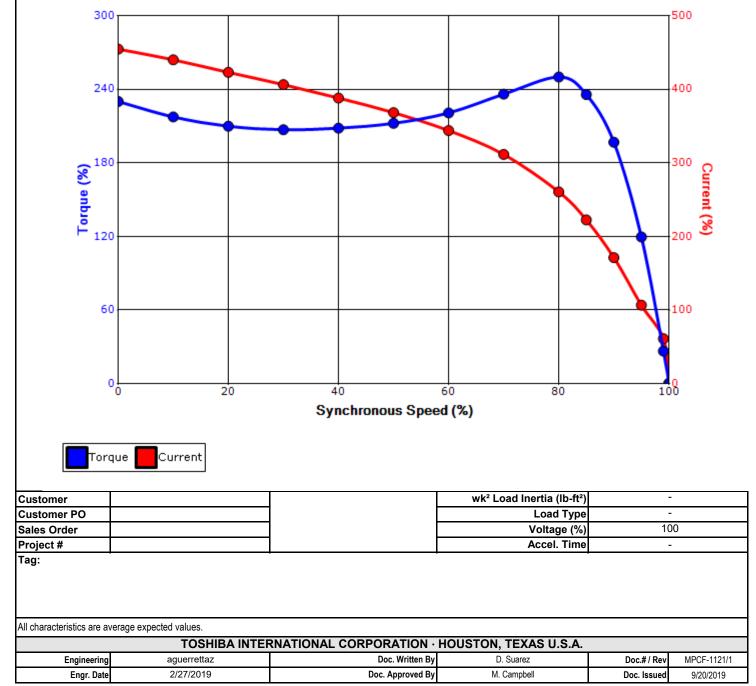
				Issued Date	12/17/20	020	Transmit #	
		_		Issued By	dschoe	ck	Issued Rev	
	SHIB	SI	PEED TORQ	UE/CURREN	T CURVE			
Model:	Y758SDSR41A-	P						
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
7.50	5.5	8	865	256T	230/460	60	3	23.00/11.50
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	86.5	В	F	40 C
	Rotor wk ²	•			Torque			
Locked Rotor Amps	Inertia (Ib-ft²)	Full Load (Ib-ft)	Locked (%					k Down %)
	2.58	45.5	19		175		22	

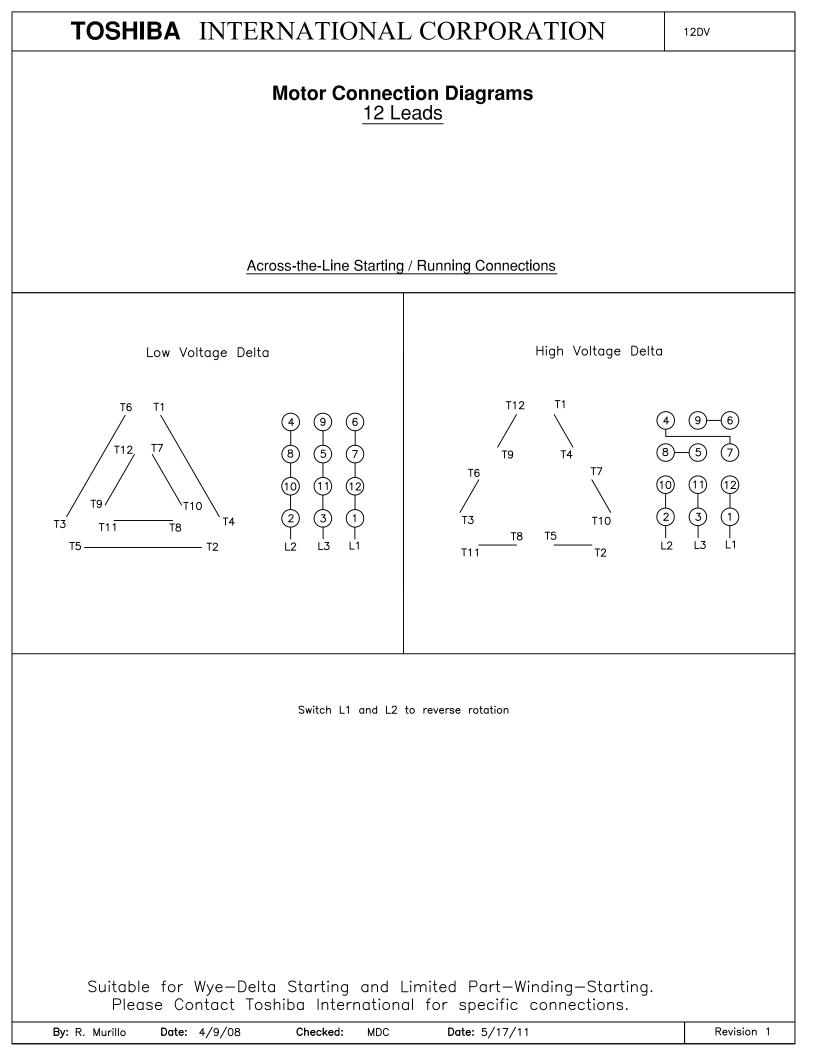


Design Values

All characteristics are average expected values.									
	TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.								
Engineering	zxie	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121/1				
Engr. Date	2/6/2020	Doc. Approved By	M. Campbell	Doc. Issued	9/20/2019				

				Issued Date	12/17/20	020	Transmit #	
		_		Issued By	dschoe	eck	Issued Rev	
	SHIB	SI	PEED TORQ	UE/CURREN	T CURVE			
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
5	3.7	8	720	256T	190/380	50	3	20.00/10.00
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	84.8	В	G	40 C
	Rotor wk ²				Torque	•		
Locked Rotor	Inertia	Full Load	Locked	Rotor	Pull U	р	Break Dow	
Amps	(lb-ft²)	(lb-ft)	(%	b)	(%)		(%)	
45.3	2.58	36.5	230		210		250	





				Issued Date	12/17/20)20	Transmit #	
		_		Issued By	dschoe	k Issued Rev		
	SHIE		SPARE	E PARTS LIST	٢*			
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
7.50	5.5	8	865	256T	230/460	60	3	23.00/11.50
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	86.5	В	F	40 C
Bearings DE	6309ZZC3 / 45	BC03JPP3OX						
Bearings NDE	6309ZZC3 / 45	5BC03JPP3OX						
Other than the great suggests for these	•	pare part(s). able bearings and the oi on motors are industry-s		•		•	he only insurance spa	ares that Toshiba

Note: Our internal part numbers are subject to change without notice and are not published.

availability.

Customer					
Customer PO					
Sales Order					
Project #					
Tag:					
All characteristics are av	verage expected values.				
	TOSHIBA INTER	RNATIONAL CORPORATION ·	HOUSTON, TEXAS U.S.A.		
Engineering	zxie	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1125 / 1
Engr. Date	2/6/2020	Doc. Approved By	M. Campbell	Doc. Issued	9/20/2019

				Issued Date	12/17/2	020	Transmit #			
		_		Issued By	dschoe	eck	Issued Rev			
TOSHIBA SPARE PARTS LIST*										
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps		
5	3.7	8	720	256T	190/380	50	3	20.00/10.00		
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)		
TEFC	55	F	1.15	CONT	84.8	В	G	40 C		
Bearings DE	6309ZZC3 / 4	5BC03JPP3OX								
Bearings NDE	6309ZZC3 / 4	5BC03JPP3OX								

*Bearings are the only recommended spare part(s).

Other than the grease used for regreasable bearings and the oil used for oil-lubricated bearings, Toshiba advises that there are no "use" parts. The only insurance spares that Toshiba suggests for these squirrel-cage induction motors are industry-standard and commercially available off-the-shelf bearings as noted above.

Motor components such as terminal boxes, fan covers and other machined parts are available on special request. In these cases, please advise our order entry department of the model and serial numbers found on the motor nameplate and a description of the needed components. With this information they will be able to furnish the current part number, price and availability.

Note: Our internal part numbers are subject to change without notice and are not published.

Customer					
Customer PO					
Sales Order					
Project #					
Tag:					
All characteristics are av	verage expected values.				
	TOSHIBA INTER	RNATIONAL CORPORATION ·	HOUSTON, TEXAS U.S.A.		
Engineering	aguerrettaz	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1125 / 1
Engr. Date	2/27/2019	Doc. Approved By	M. Campbell	Doc. Issued	9/20/2019