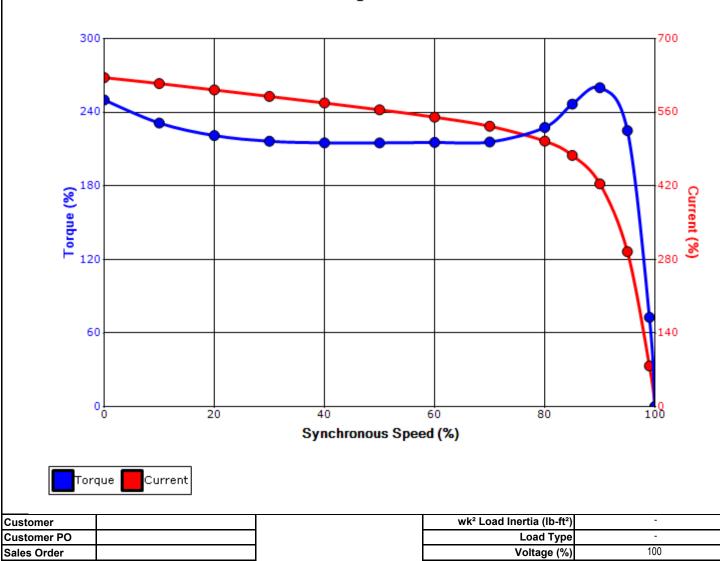


				Issued Date	3/19/2021		Transmit #		
				Issued By	dschoeck		Issued Rev		
TUS	SHIE	5 A							
		TYP	VICAL MOTO	R PERFORM	IANCE DATA				
Model:	0502SDSR41B-F)							
				1		1			
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps	
50	37	2	3540	326TS	230/460	60	3	116.00/58.00	
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA	NEMA	kVA Code	Ambient	
TEEO			4 4 5	CONT	Nom. Eff. 93	Design	G	(°C)	
TEFC	55	F	1.15	CONT	93	В	G	40 C	
Load	НР	kW	Amp	eres	Efficiency	(%)	Power F	actor (%)	
Full Load	50	37.3	58.		93.0	(70)	88		
³ / ₄ Load	37.50	28.0	43.		92.2		85		
1/2 Load	25.00	18.6	31.		90.2		80	.5	
¹ / ₄ Load	12.50	9.3	21.	1	85.1		65	.0	
No Load			13.	7					
Locked Rotor		-	36	2			41	.2	
	•	-							
			Torqu					Rotor wk ²	
Full L		Locked			ll Up	_	ak Down	Inertia	
(lb-f		(% F			FLT)	(% FLT) (lb-ft ²			
74.2		25	0	2	15	260 6.39			
Safe Stall	Time(s)	Sound							
Safe Stall		Sound Pressure		Bearing	gs*		Approx. Mo	otor Weight	
Safe Stall Cold	Time(s) Hot	Pressure	D		gs* NDE			•	
Cold	Hot	Pressure dB(A) @ 1M		E	NDE		(11	os)	
		Pressure	D 63122	E				os)	
Cold	Hot	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold	Hot 15	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r	Hot 15	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options:	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP G	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options:	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP G	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP G	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP G	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP G	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP G	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP G	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP G	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP G	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP G	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP G	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP GI Mounting:Footed,Shaft:	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer PO Sales Order	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer PO Sales Order	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer PO Sales Order Project # Tag:	Hot 15 ecommended spar	Pressure dB(A) @ 1M		E	NDE		(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 15 ecommended spar	Pressure dB(A) @ 1M re part(s).	63122	E	NDE 6312ZC3	AS U.S.A.	(11	os)	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer PO Sales Order Project # Tag: All characteristics are av	Hot 15 ecommended spar obal SD TS Shaft verage expected va	Pressure dB(A) @ 1M	63122	E	NDE 6312ZC3		(11	55) 33	
Cold 35 *Bearings are the only r Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer PO Sales Order Project # Tag:	Hot 15 ecommended spar obal SD TS Shaft verage expected va	Pressure dB(A) @ 1M re part(s).	63122	E 2C3	NDE 6312ZC3		(II) 68	DS) 33 MPCF-1119/1	

				Issued Date	3/19/2021		Transmit #	
-				Issued By	dschoeck	(Issued Rev	
TOS) H I E	5 A						
		TYF	PICAL MOTO	R PERFORM	IANCE DATA			
Model:	0502SDSR41B-F	0						
		- <u>r</u>		r				I
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
50	37	2	2905	326TS	190/380	50	3	143.50/72.00
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA	NEMA	kVA Code	Ambient
7550				-	Nom. Eff.	Design		(°C)
TEFC	55	F	1.15	CONT	90.2	В	E	40 C
Load	HP	kW	Amp	oros	Efficiency	(0/.)	Power F	actor (%)
Full Load	50	37.3	71		90.1	(/0)	87	
³ / ₄ Load	37.50	28.0	54		90.1		87	
¹ / ₂ Load	25.00	18.6	37		89.1		84	
⁷² Load	12.50	9.3	23		84.6		70	
No Load	12.00		13		04.0			
Locked Rotor		-	37				37	.5
Locked Rotor			01	·				
			Torqu	e				Rotor wk ²
Full Lo	ad	Locked	d Rotor	Pul	l Up	Bre	ak Down	Inertia
(lb-ft)	(%	FLT)	(%	FLT)	(% FLT)		(lb-ft²)
90.4		1	70	14	45		200	6.39
		-		-		-		
Safe Stall	Гime(s)	Sound		Bearing	ıs*		Approx, Mo	otor Weight
Safe Stall T Cold	Гіme(s) Hot	Pressure	_	Bearing				otor Weight
			D		js* NDE			otor Weight os)
		Pressure	D 63122	E		1	(It	-
Cold	Hot	Pressure	_	E	NDE		(It	os)
Cold 27	Hot 10	Pressure dB(A) @ 1M	_	E	NDE	i	(It	os)
Cold	Hot 10	Pressure dB(A) @ 1M	_	E	NDE	i	(It	os)
Cold 27 *Bearings are the only re	Hot 10	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options:	Hot 10	Pressure dB(A) @ 1M	_	E	NDE	;	(It	os)
Cold 27 *Bearings are the only re	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE	· · · · · · · · · · · · · · · · · · ·	(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE	; ;	(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE	; ;	(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE	;	(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE	; 	(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE	;	(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:Footed,Shaft: Mounting:Footed,Shaft:	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:Footed,Shaft: Mounting:Footed,Shaft:	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:Footed,Shaft: Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:Footed,Shaft: Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:Footed,Shaft: Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:Footed,Shaft: Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:Footed,Shaft: Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:Footed,Shaft: Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project # Tag:	Hot 10 commended spar	Pressure dB(A) @ 1M	_	E	NDE		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:Footed,Shaft: Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 10 commended spar	Pressure dB(A) @ 1M - re part(s).	63122	E ZC3	NDE 6312ZC3		(It	os)
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:Footed,Shaft: Customer Customer PO Sales Order Project # Tag: All characteristics are ave	Hot 10 commended spar obal SD TS Shaft erage expected va	Pressure dB(A) @ 1M e part(s).	63122	E ZC3	NDE 6312ZC3	AS U.S.A.	(1)	bs) 33
Cold 27 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project # Tag:	Hot 10 commended spar obal SD TS Shaft erage expected va bm	Pressure dB(A) @ 1M - re part(s).	63122	E ZC3	NDE 6312ZC3	AS U.S.A.	(It	ps) 33 MPCF-1119/1

				Issued Date	3/19/202	1	Transmit #	
		_		Issued By	dschoecl	(Issued Rev	
	SHIB	A SF	PEED TORQ	UE/CURREN	T CURVE			
Model:	0502SDSR41B-P							
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
50	37	2	3540	326TS	230/460	60	3	116.00/58.00
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	93	В	G	40 C
	Rotor wk ²			•	Torque			
Locked Rotor	Inertia	Full Load	Locked	Rotor	Pull U	р	Break	Down
Amps	(lb-ft²)	(lb-ft)	(%	()	(%)		(%	b)
	6.39	74.2	250		215		26	



Design Values

All characteristics are average 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			

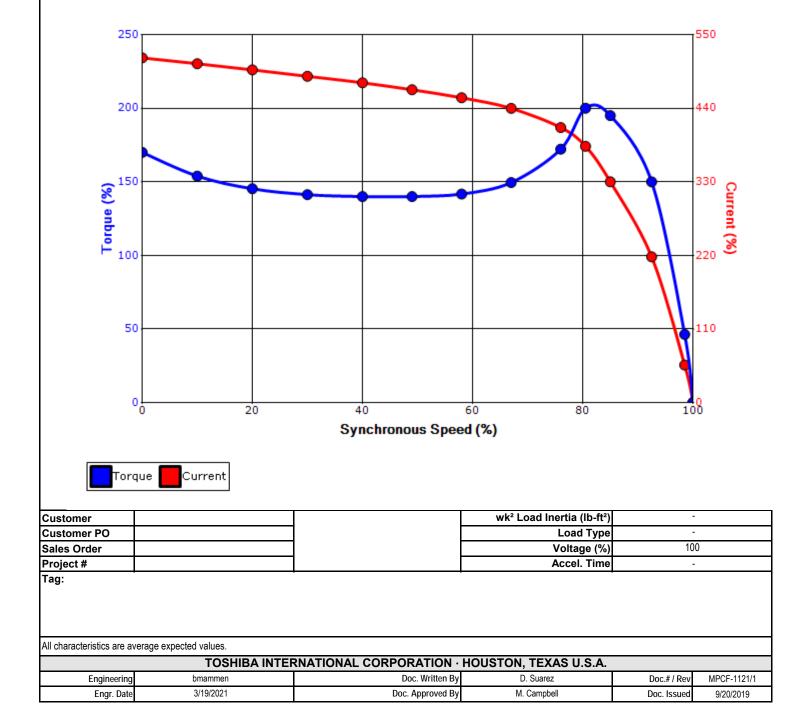
Accel. Time

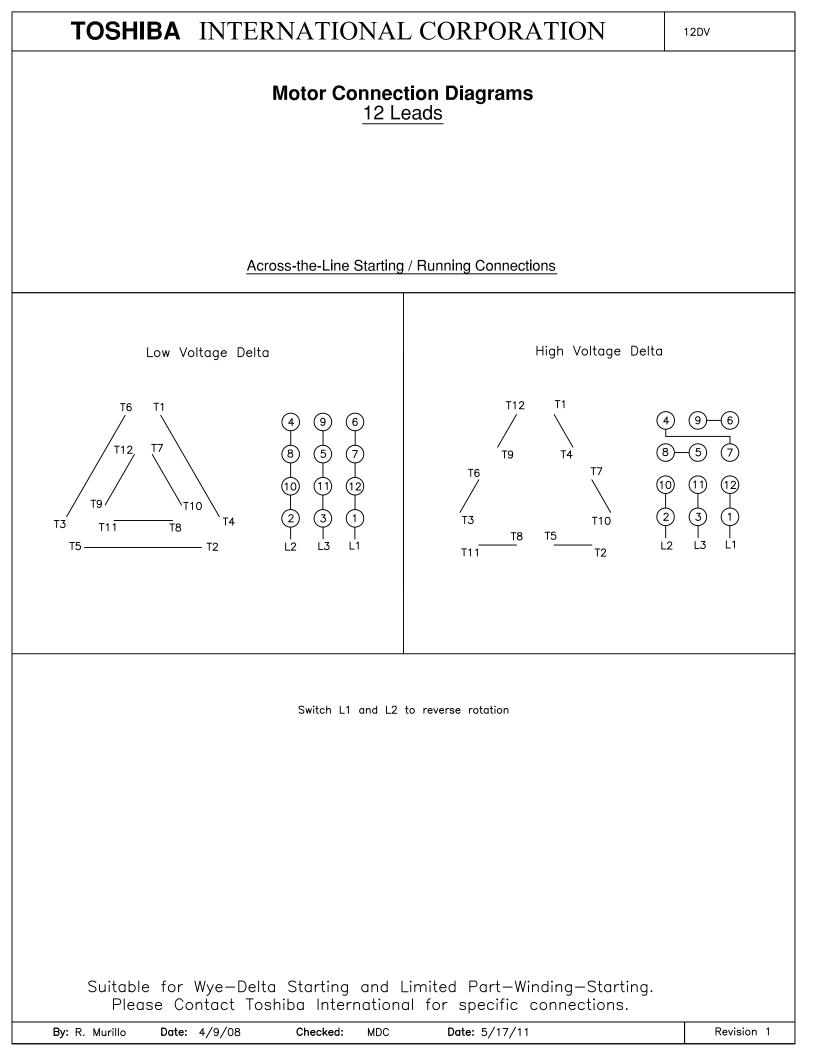
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Sales Order Project #

Tag:

				Issued Date	3/19/202	1	Transmit #	
		_		Issued By	dschoecl	(Issued Rev	
TOS	SHIB	A SI	PEED TORQ	UE/CURREN	T CURVE			
Model:	0502SDSR41B-P							
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
50	37	2	2905	326TS	190/380	50	3	143.50/72.00
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	90.2	В	E	40 C
	Rotor wk ²				Torque			
Locked Rotor	Inertia	Full Load	Locked	Rotor	Pull U	р	Break	Down
Amps	(lb-ft²)	(lb-ft)	(%	b)	(%)		(%)	
371	6.39	90.4	170)	145		20	0





	3/19/2021	Issued Date
Issued Rev	dschoeck	Issued By
Issued Rev	dschoeck	Issued By

SPARE PARTS LIST*

Model: 0502SDSR41B-P

Mode	0502SDSR41B-P				-			
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
50	37	2	3540	326TS	230/460	60	3	116.00/58.00
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	93	В	G	40 C
Bearings DE	6312ZC3 / 60BC0	03JP3OX						
Bearings NDE	6312ZC3 / 60BC0)3JP3OX						

*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	aacosta	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1125 / 1
Engr. Date	4/19/2012	Doc. Approved By	M. Campbell	Doc. Issued	9/20/2019

ТО	SHI	BA
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Issued Date	3/19/2021	Transmit #	
Issued By	dschoeck	Issued Rev	

SPARE PARTS LIST*

Model: 0502SDSR41B-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
50	37	2	2905	326TS	190/380	50	3	143.50/72.00
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	90.2	В	E	40 C
-	55	F	1.15	CONT	90.2	В	E	2
Bearings DE	6312ZC3 / 60BC	03JP3OX						
Bearings NDE	6312ZC3 / 60BC	03JP3OX						

*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 average expected values.					
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.					
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1125 / 1
Engr. Date	3/19/2021	Doc. Approved By	M. Campbell	Doc. Issued	9/20/2019