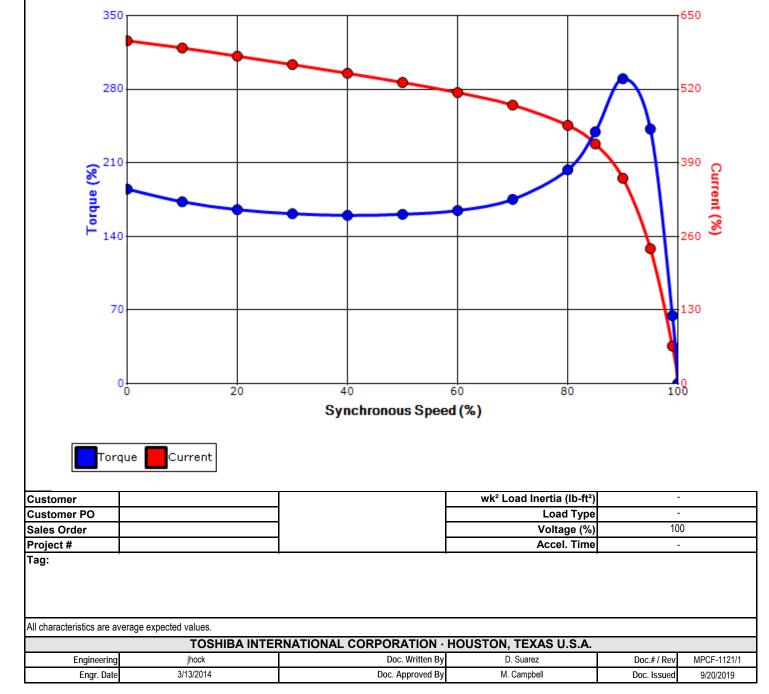


				Issued Date	12/18/2019		Transmit #	
				Issued By	dschoeck		Issued Rev	
TOS	SHIB	A						
		TYF	PICAL MOTO		IANCE DATA			
Model:	0304SDSR42A-P							
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
30	22	4	1770	284TC	230/460	60	3	72/36
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	93.6	В	G	40 C
Load	HP	kW	Amp		Efficiency	(%)	Power Fa	actor (%)
Full Load	30	22.4	36.0		93.8		83.6	
³ / ₄ Load	22.50	16.8	28.3		93.2		80.9	
1/2 Load	15.00	11.2	21.		91.6		73.	
1/4 Load	7.50	5.6	16.4		85.0		50.1	
No Load			12.				5.4	
Locked Rotor	-		21	7			34.	1
		1	Torque			1		Rotor wk ²
Full Lo			d Rotor		ll Up	_	ak Down	Inertia
(lb-f	-		FLT)		(% FLT)		% FLT)	(lb-ft²)
89		18	35	16	65		290	5.70
Safe Stall	Time(s)	Sound		Bearing	16*		Approx Mo	tor Weight
Safe Stall Cold	Time(s) Hot	Sound Pressure dB(A) @ 1M	DI	Bearing	js* NDE		Approx. Mo (Ib	-
	T T	Pressure	DI 6310Z	E				s)
Cold	Hot 15	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35	Hot 15 recommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP Gi	Hot 15 recommended 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 Customer	Hot 15 recommended 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	Hot 15 recommended 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 recommended 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 #	Hot 15 recommended 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 recommended 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 Customer Customer PO Sales Order Project # Tag:	Hot 15 ecommended spare lobal SD CFace Foo ed,Shaft:T Shaft	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 #	Hot 15 ecommended spare lobal SD CFace Foo ad,Shaft:T Shaft	Pressure dB(A) @ 1M	63102	E [] [] [] [] [] [] [] [] [] [NDE 6310ZC3		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GH Mounting:C-Face Foote Customer Customer PO Sales Order Project # Tag: All characteristics are av	Hot 15 ecommended spare lobal SD CFace Foo ad,Shaft: T Shaft	Pressure dB(A) @ 1M	63102		NDE		(lb 53	s) 6
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Foote Customer Customer PO Sales Order Project # Tag:	Hot 15 ecommended spare lobal SD CFace Foo ed,Shaft:T Shaft verage expected val	Pressure dB(A) @ 1M	63102	E [] [] [] [] [] [] [] [] [] [NDE 6310ZC3		(Ib	s)

				Issued Date	12/18/2019		Transmit #	
				Issued By	dschoeck		Issued Rev	
105	SHIE	5A						
		TYP	PICAL MOTO	R PERFORM	IANCE DATA			
Model:	0304SDSR42A-P							
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
30	22	4	1460	284TC	190/380	50	3	88/44
					NEMA	NEMA	-	Ambient
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Design	kVA Code	(°C)
TEFC	55	F	1.0	CONT	92.4	В	G	40 C
		•						
Load	HP	kW	Ampe		Efficiency	(%)	Power Fa 83.	
Full Load	30 22.50	22.4 16.8	44.0		93.7			
³ / ₄ Load			33.6		94.4		80.8	
1/2 Load 1/4 Load	15.00 7.50	11.2 5.6	24.		94.5 85.7		73. 56.	
No Load	1.50	5.0	17.0		85.7		56.1 4.7	
Locked Rotor			256				34.	
			200	,				L
			Torque					Rotor wk ²
Full Lo	bad		d Rotor		ll Up		ak Down	Inertia
(lb-ft	t)	(% FLT)		(% FLT)		-	6 FLT)	(lb-ft²)
108		1	50	1	25		230	5.70
Safe Stall	Time(s)	Sound						
ouro otan				Bearin	ns*		Approx. Mo	otor Weight
		Pressure			90		• •	-
Cold	Hot	Pressure dB(A) @ 1M	DE		NDE		 (Ib	
				E	NDE		(Ib	s)
Cold 23	Hot 10	dB(A) @ 1M	DI 6310Z	E				s)
23	10	dB(A) @ 1M -		E	NDE		(Ib	s)
	10	dB(A) @ 1M -		E	NDE		(Ib	s)
23 *Bearings are the only re	10	dB(A) @ 1M -		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options:	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:C-Face Foote	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:C-Face Foote	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:C-Face Foote Customer Customer PO	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:C-Face Foote Customer Customer PO Sales Order	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:C-Face Foote Customer Customer PO	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Gle Mounting:C-Face Foote Customer Customer Customer PO Sales Order Project #	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Gle Mounting:C-Face Foote Customer Customer Customer PO Sales Order Project #	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Gle Mounting:C-Face Foote Customer Customer Customer PO Sales Order Project #	10 ecommended spare	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Gld Mounting:C-Face Foote Customer Customer Customer PO Sales Order Project # Tag:	10 ecommended spare obal SD CFace Foo d,Shaft:T Shaft	dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Gle Mounting:C-Face Foote Customer Customer Customer PO Sales Order Project #	10 ecommended spare obal SD CFace Foo d,Shaft:T Shaft	dB(A) @ 1M - e part(s). oted	6310Z	E C3	NDE 6310ZC3		(Ib	s)
23 *Bearings are the only re Motor Options: Product Family:EQP Glo Mounting:C-Face Foote Customer Customer Customer PO Sales Order Project # Tag: All characteristics are av	10 ecommended spare obal SD CFace For d,Shaft:T Shaft	dB(A) @ 1M - e part(s). oted	6310Z	E C3 C3 RPORATION ·	NDE 6310ZC3		(lb	s) 6
23 *Bearings are the only re Motor Options: Product Family:EQP Gld Mounting:C-Face Foote Customer Customer Customer PO Sales Order Project # Tag:	10 ecommended spare obal SD CFace For d,Shaft:T Shaft	dB(A) @ 1M - e part(s). oted	6310Z	E C3	NDE 6310ZC3		(Ib	s)

Model: 0304SDSR42A-F	SI	PEED TORQ	Issued By	dschoeck		Issued Rev	
	SI	PEED TORQ	UE/CURREN	T CURVE			
HP kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
30 22	4	1770	284TC	230/460	60	3	72/36
Enclosure IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC 55	F	1.15	CONT	93.6	В	G	40 C
Rotor wk ²			•	Torque			
Locked Rotor Inertia	Full Load	Locked	Rotor	or Pull Up		Break Down	
Amps (lb-ft²)	(lb-ft)	(%	()	(%)		(%)	
217 5.70	89	185		165		290	



				Issued Date	12/18/201	9	Transmit #	
		-		Issued By	dschoeck	K	Issued Rev	
	O304SDSR42A-P	S		UE/CURREN	T CURVE			
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
30	22	4	1460	284TC	190/380	50	3	88/44
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.0	CONT	92.4	В	G	40 C
	Rotor wk ²			•	Torque			
Locked Rotor Amps	Inertia	Full Load	Locked Rotor		Pull Up		Break Down	
	(lb-ft²)	(lb-ft)	(%)		(%)		(%)	
256	5.70	108	150		125		230	
		·	De	sign Valu	es			

