

				Issued Date	12/18/2019		Transmit #	
				Issued By	dschoeck		Issued Rev	
	0026SDSR41A-P	A TYF	PICAL MOTO	R PERFORM	IANCE DATA			
HP	kW	Pole	FL RPM	Frame	Voltage 230/460	Hz	Phase	FL Amps
2	1.5	6	1170	1170 184T		60	3	6.8/3.4
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	88.5	В	L	40 C
Load	HP	kW	Ampe	eres	Efficiency	(%)	Power Fa	ictor (%)
Full Load	2	1.5	3.4		88.5		64.	5
³ ⁄ ₄ Load	1.50	1.1	2.9	9	86.6		54.8	8
1∕₂ Load	1.00	0.7	2.6		82.3		42.9	9
1/4 Load	0.50	0.4	2.4		69.5		27.0	6
No Load			2.2				6.3	}
Locked Rotor			25)			42.6	6
								_
		<u> </u>	Torque			-		Rotor wk ²
Full Lo			d Rotor		l Up		ak Down	Inertia
(lb-f			FLT)	-	FLT)	(%	6 FLT)	(lb-ft²)
8.98		27	75	21	5		460	0.59
Safe Stall	Time(s)	Sound		Bearing	s*		Approx. Mo	tor Weight
Safe Stall	Time(s) Hot	Sound Pressure dB(A) @ 1M	DI	-	is* NDE		Approx. Mo (Ib	-
		Pressure	DI 6306Z2	E				s)
Cold 35 *Bearings are the only re	Hot 15	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP Gl Mounting:Footed,Shaft:	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP Gl Mounting:Footed,Shaft: Mounting:Footed,Shaft:	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP Gl Mounting:Footed,Shaft: Mounting:Footed,Shaft: Customer Customer PO	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP Gl Mounting:Footed,Shaft: Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP Gle Mounting:Footed,Shaft: 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 Gl Mounting:Footed,Shaft: Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order	Hot 15 ecommended spare	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP Gle Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 15 ecommended spare obal SD T Shaft	Pressure dB(A) @ 1M		E	NDE		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP Gl Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project # Tag:	Hot 15 ecommended spare obal SD T Shaft	Pressure dB(A) @ 1M part(s).	6306ZZ	E	NDE		(Ib	s)
Cold 35 *Bearings are the only re Motor Options: Product Family:EQP Gl Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project # Tag:	Hot 15 ecommended spare obal SD T Shaft	Pressure dB(A) @ 1M part(s).	6306ZZ	E	NDE 6306ZZC3		(Ib	s)

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	0026SDSR41A-P	TYF	PICAL MOTO		IANCE DATA				
	1.34/			F			Dises	FI A	
<u>НР</u> 2	kW 1.5	Pole 6	FL RPM 960	Frame 184T	Voltage 190/380	Hz 50	Phase 3	FL Amps 7.6/3.8	
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA	NEMA	kVA Code	Ambient	
TEFC	55	F	1.0	CONT	Nom. Eff. 84	Design B	L	(°C) 40 C	
Load	HP	kW	Amp	eres	Efficiency	(%)	Power Fa	ctor (%)	
Full Load	2	1.5	3.8		86.5		62.	5	
³ ⁄ ₄ Load	1.50	1.1	3.2	1	85.5		54.6	6	
1/2 Load	1.00	0.7	2.7	7	84.5		42.8	3	
¼ Load	0.50	0.4	2.4	1	71.8		31.	7	
No Load			2.2)			6.1		
Locked Rotor		H	30				52.0		
			Torqu	9				Rotor wk ²	
Full Lo	oad	Locked	-		l Up	Bre	ak Down	Inertia	
(lb-f			FLT)		FLT)		% FLT)	(lb-ft²)	
10.9		27		21			335	0.59	
Safe Stall Cold	Time(s) Hot	Sound Pressure		Bearing			Approx. Mo		
46	38	dB(A) @ 1M	6306ZZ	DE NDE 6ZZC3 6306ZZC3			(lbs) 110		
*Bearings are the only re	ecommended spar	e part(s).							
Motor Options: Product Family:EQP Gl Mounting:Footed,Shaft:	obal SD T Shaft								
Customer									
Customer PO									
Sales Order									
Project #									
Tag:									
All characteristics are av									
All characteristics are av	verage expected va	alues.							
				RPORATION	OUSTON. TEX	AS U.S.A.			
Engineering		alues. TOSHIBA INTER hock	NATIONAL CO	RPORATION · H	IOUSTON, TEX/ D. Suarez		Doc.# / Rev	MPCF-1119/1	

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M. Campbell

9/20/2019

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4/7/2014

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				Issued By	dschoeck	(Issued Rev	
	OU26SDSR41A-P	SF	PEED TORQ	UE/CURREN	T CURVE			
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2	1.5	6	1170	184T	230/460	60	3	6.8/3.4
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	88.5	В	L	40 C
Locked Rotor	Rotor wk ²	I		1	Torque			
Amps	Inertia	Full Load	Locked	Rotor	Pull U	p	Break	
-	(lb-ft²)	(lb-ft)	(%)		(%)		(%)	
25	0.59	8.98 275		5	215		460	
50) ₁			sign Valu	es			800
500				sign Valu	es			800
400				sign Valu	es			640
				sign Valu	es			

	0 20	40	60 80	10	8
	0 20	Synchronous Spee		10	
Tor	que <mark>Current</mark>				
Customer			wk ² Load Inertia (Ib-ft ²)	-	
Customer PO			Load Type	-	
Sales Order			Voltage (%)	10	0
Project #			Accel. Time	-	
Tag:					
All characteristics are av	verage expected values.				
		ERNATIONAL CORPORATION ·	HOUSTON, TEXAS U.S.A.		
Engineering		Doc. Written By		Doc.# / Rev	MPCF-1121/1
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HIB	A SF	PEED TORQ	Issued By	dschoeck	K	Issued Rev	
HIB	A SF	PEED TORQ	UE/CURREN				
0026SDSR41A-P							
kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.5	6	960	184T	190/380	50	3	7.6/3.8
IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
55	F	1.0	CONT	84	В	L	40 C
Rotor wk ²			• •	Torque			
Inertia	Full Load	Locked	Rotor		р	Break	Down
(lb-ft²)	(lb-ft)	(%				(%)	
0.59	10.9	270)	215		33	5
							-850
)						•	680
						<u>\</u>	⁵¹⁰ Current (%)
	kW 1.5 IP 55 Rotor wk² Inertia (Ib-ft²) 0.59	kWPole1.56IPIns. Class55FRotor wk²Full Load(lb-ft²)(lb-ft)0.5910.9	kW Pole FL RPM 1.5 6 960 IP Ins. Class S.F. 55 F 1.0 Rotor wk² Inertia Full Load Locked (lb-ft²) (lb-ft) (%) 0.59 10.9 270	kW Pole FL RPM Frame 1.5 6 960 184T IP Ins. Class S.F. Duty 55 F 1.0 CONT Rotor wk² Inertia Full Load Locked Rotor (lb-ft²) (lb-ft) (%) 0.59 0.59 10.9 270 Design Value	kW Pole FL RPM Frame Voltage 1.5 6 960 184T 190/380 IP Ins. Class S.F. Duty NEMA Nom. Eff. 55 F 1.0 CONT 84 Rotor wk² Torque Torque Pull U (lb-ft²) (lb-ft) (%) (%) 0.59 10.9 270 215	kW Pole FL RPM Frame Voltage Hz 1.5 6 960 184T 190380 50 IP Ins. Class S.F. Duty NEMA Nom. Eff. Design 55 F 1.0 CONT 84 B Rotor wk² Inertia Full Load Locked Rotor Pull Up (%) (%) 0.59 10.9 270 215	kW Pole FL RPM Frame Voltage Hz Phase 1.5 6 960 184T 190/380 50 3 IP Ins. Class S.F. Duty NEMA Nom. Eff. Design kVA Code 55 F 1.0 CONT 84 B L Rotor wk² Inertia Locked Rotor Pull Up Break (%) (%) <t< td=""></t<>



