



Issued Date	6/19/2025	Transmit #	
Issued By	dschoeck	Issued Rev	

TYPICAL MOTOR PERFORMANCE DATA

Model: 0028SDSR41A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2	1.5	8	865	213T	230/460	60	3	6.0/3.0
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	84.0	В		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)	
Full Load	2.00	1.5	3.0	85.9	71.8	
¾ Load	1.50	1.1	2.5	85.9	65.0	
½ Load	1.00	0.7	2.1	83.5	53.2	
1/4 Load	0.50	0.4	1.5	76.3	39.5	
No Load			1.5		6.8	
Locked Rotor			15.4		45.0	

Torque								
Full Load	Locked Rotor	Pull Up	Break Down	Inertia				
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft²)				
12.1	185	170	235	1.00				

Safe Stall	Time(s)	Sound	Bearin	une*	Approx. Motor Weight	
Cold	Hot	Pressure	Bearings*		Approx. Motor Weight	
Joid	1100	dB(A) @ 1M	DE	NDE	(lbs)	
35	15	-	6308ZZC3	6308ZZC3		

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

Motor Options: Product Family:EQP Global SD Mounting:Footed,Shaft:T Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

	TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.								
Engineering	aguerrettaz	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0				
Engr. Date	2/27/2019	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011				



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Model: 0028SDSR41A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.50	1.1	8	720	213T	190/380	50	3	5.8/2.9
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.0	CONT	77.7	В		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)	
Full Load	1.50	1.1	2.9	83.8	70.5	
¾ Load	1.13	8.0	2.4	83.8	63.3	
½ Load	0.75	0.6	2.0	81.0	51.3	
¼ Load	0.38	0.3	1.8	70.5	33.4	
No Load			1.5		7.3	
Locked Rotor			14.5		51.0	

Torque							
Full Load	Locked Rotor	Pull Up	Break Down	Inertia			
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft²)			
10.9	215	175	240	1.00			

Safe Stall	Time(s)	Sound	Bearin	une*	Approx. Motor Weight	
Cold	Hot	Pressure	Bearings*		Approx. Motor Weight	
Joid	1100	dB(A) @ 1M	DE	NDE	(lbs)	
35	15	-	6308ZZC3	6308ZZC3		

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

Motor Options: Product Family:EQP Global SD Mounting:Footed,Shaft:T Shaft

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Customer PO		
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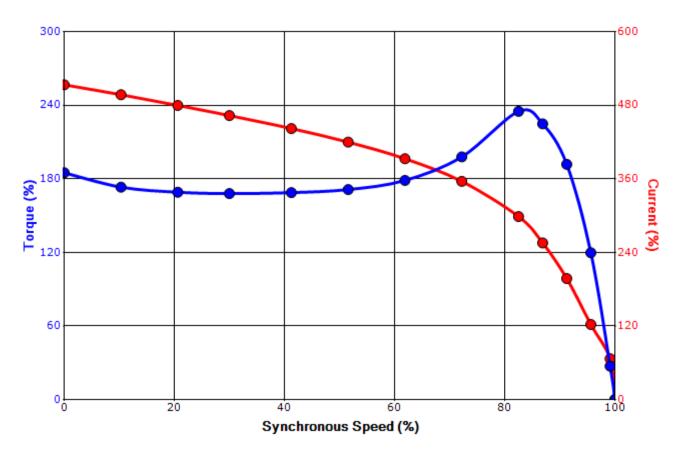
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SPEED TORQUE/CURRENT CURVE

Model: 0028SDSR41A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2	1.5	8	865	213T	230/460	60	3	6.0/3.0
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	84.0	В		40 C
Laskad Datas	Rotor wk ²				Torque			
Locked Rotor Amps	Inertia	Full Load	Locked Rotor		Pull Up		Break Down	
Amps	(lb-ft²)	(lb-ft)	(%	(%)			(%	6)
15.4	1.00	12.1	185		170		235	

Design Values





Customer	wk² Load Inertia (Ib-f	2) -
Customer PO	Load Typ	е -
Sales Order	Voltage (%	6) 100
Project #	Accel. Tim	е -

Tag:

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.								
Engineering	aguerrettaz	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0			
Engr. Date	2/27/2019	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011			



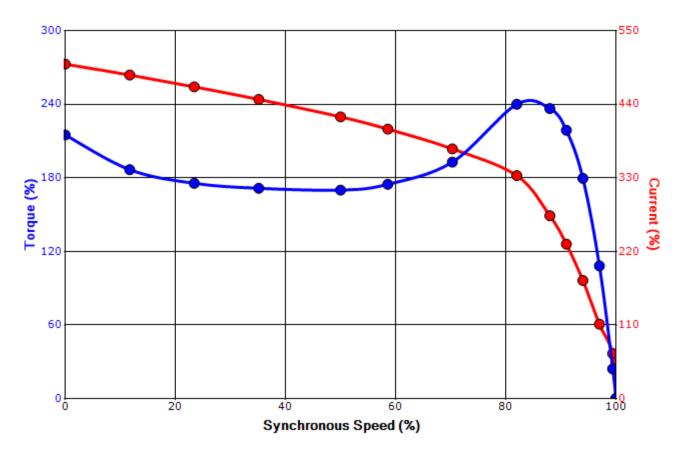
Issued Date	sued Date 6/19/2025		
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SPEED TORQUE/CURRENT CURVE

Model: 0028SDSR41A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.50	1.1	8	720	213T	190/380	50	3	5.8/2.9
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.0	CONT	77.7	В		40 C
Looked Deter	Rotor wk ²		Torque					
Locked Rotor Amps	Inertia	Full Load	ull Load Locked Rotor		Pull Up		Break Down	
Amps	(lb-ft²)	(lb-ft)	(%	(%)			(%	6)
14.5	1.00	10.9	215		175		240	

Design Values





Customer	wk² Load Inertia (Ib-f	2) -
Customer PO	Load Typ	е -
Sales Order	Voltage (%	6) 100
Project #	Accel. Tim	е -

Tag:

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.								
Engineering	aguerrettaz	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0			
Engr. Date	2/27/2019	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011			

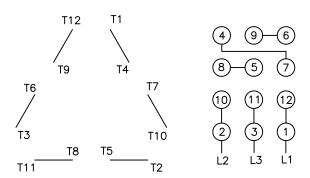
Motor Connection Diagrams 12 Leads

Across-the-Line Starting / Running Connections

Low Voltage Delta



High Voltage Delta



Switch L1 and L2 to reverse rotation

Suitable for Wye-Delta Starting and Limited Part-Winding-Starting. Please Contact Toshiba International for specific connections.

By: R. Murillo Date: 4/9/08 Checked: MDC Date: 5/17/11 Revision 1



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SPARE PARTS LIST*

Model: 0028SDSR41A-P

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Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	84.0	В		40 C

 Bearings DE
 6308ZZC3 / 40BC03JPP3OX

 Bearings NDE
 6308ZZC3 / 40BC03JPP3OX

*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 #	

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TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.							
Engineering	aguerrettaz	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1125 / 0		
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