

# DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

#### OFFICE USE ONLY APPLICATION FOR HCAI SPECIAL SEISMIC CERTIFICATION PREAPPROVAL (OSP) APPLICATION #: OSP-0332 HCAI Special Seismic Certification Preapproval (OSP) X Type: New Renewal Manufacturer Information Manufacturer: **Rex Power Magnetics** Manufacturer's Technical Representative: Karnig Hasserjian Mailing Address: 65 Basaltic Road, Concord, ON L4K 1G4 Telephone: (905) 695-8844 Email: karnig@rexpowermagnetics.com Product Information **Product Name: Transformers** Product Type: Transformers – Dry Type Product Model Number: Varies – See Attached tables General Description: Dry-type transformer family. Floor mounted, aluminum and copper windings. Winding Type: Barrel w/Shield Disc, Disc w/ Shield Cast w/Shield. Nema 1, 2, 3R, or 12 enclosure. One or three phase and various options (see attached tables for further details) Mounting Description: Rigid, Floor Mounted Seismic enhancements made to the test units and/or modifications required to address **Tested Seismic Enhancements:** anomalies during the tests shall be incorporated into the production units. Applicant Information Applicant Company Name: TRU Compliance, by Structural Integrity Associates Contact Person: Daniel Zentner Mailing Address: 233 SW Wilson Ave, Suite 101, Bend, OR 97702 Telephone: (541) 292-5839 Email: dzentner@structint.com

Title: Program Manager



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# DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)									
Company Name: STRUCTURAL INTEGRITY ASSOCIATES, INC.									
Name: LACHEZAR HANDZHIYSKI California License Number: S6515									
Mailing Address: 5215 Hellyer Avenue, Suite 210, San Jose, CA 95138									
Telephone: (669) 437-0200 Email: Lhandzhiyski@StructInt.com									
Certification Method									
GR-63-Core X ICC-ES AC156 IEEE 344 IEEE 693 NEBS 3									
Other (Please Specify):									
FOR CODE CO									
Testing Laboratory									
Company Name: U.S. ARMY ENGINEER RESEARCH AND DEVELOPMENT CENTER, CONSTRUCTION ENGINEERING RESEARCH LABORATORY (CERL)									
Contact Person: James Wilcoski									
Mailing Address: 2902 Newmark Dr., Champaign IL 61822-1076									
Telephone: () - BYEmail: James wilcoski@usace.army.mil									
Company Name: Pacific Earthquake Engineering Research Center (PEER)									
Contact Person: Amarnath Kasalanati									
Mailing Address: 1301 South 46th St., Bldg. 420, Richmond CA 94720-1729									
Telephone: (510) 642-3437 Email: Amarnath1@berkeley.edu									
Company Name: UNIVERSITY OF BUFFALO (SEESL) UILDING									
Contact Person: Yushan Fu									
Mailing Address: 212 Ketter Hall, Buffalo NY 14260									
Telephone: (716) 645-4377 Email: yushanfu@buffalo.edu									



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Seismic	Parameters	

Desig	n Basis of Equipment or Components	(Fp/Wp) = 1.48							
	SDS (Design spectral response accele	eration at short period, g) = $2.05$							
	ap (Amplification factor) =	1.0							
	Rp (Response modification factor) =	2.5							
	$\Omega_0$ (System overstrength factor) =	2.0							
	Ip (Importance factor) =	1.5							
	z/h (Height ratio factor) =	1							
	Natural frequencies (Hz) =	See Attachment							
	Overall dimensions and weight =	See Attachment							
		NEDFOR	10						
HCA	Approval (For Office Use Only)	Approval Expires on 12/07/2	029						
Date:	12/7/2023	OSP-0332	C.						
Name	e: Timothy Piland		Title:	Senior Structural Engineer					
Speci	al Seismic Certification Valid Up to: St	ps (g) = 2.05	z/h =	1					
Condi	tion of Approval (if applicable):	DATE: 12/08/2023							
		PRIVIA BUILDING CO	DE						



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### 1900565-CR-001-R3



Manufacturer:	Rex Power Mag	netics						TABLE	= 1
Model Line:	Dry Type Single	e & 3 Phase I	Power Tran	sformers					
Certified Product Co	onstruction Sun	nmary:							
Гуре A Enclosures: n									
Type A =Transforme						to the flo	or. Design	ation type indicates	sintendeo
use of the transform	er which may a	ffect the ele	ctrical char	acteristics	·				
Certified Options Su	-								
Winding material: A		•••	0						
Ninding Type: Barre		-	•						
S - Single Phase Isola	-							lation,	
D - Three Phase - Dri			nsformer, 3	3PR - Singl	e/Three Pr	nase - Iron	Core,		
C - Single/Three Pha				with differ	- COA		a a duin a	hiald	
NEMA 2 enclosures NEMA 12 enclosures							ig a drip s	meia.	
INE MA 12 enclosures	s are the same c	onstruction	I as nema s	K with un	erent gask	ets.			
Mounting Configura	ition:			100000000000000000000000000000000000000	*****	422			
Base mounted - rigio		4	03	<b>SP-03</b>	32	1 C	2		
Note: Installed mounting	must be of similar	configuration a							
	must be of similar	configuration a	and equivalen	it strength ar	id stiffness to	o those te <mark>ste</mark>	a.		
							a. 2.05 g	z/h=1.0	- 1 5
Building Code: CBC .				ertificatio		<b>S</b> <sub>DS</sub> =			= 1.5
Building Code: CBC .		OE	Seismic C		n Limits:	S <sub>DS</sub> = S <sub>DS</sub> = Weight	2.05 g	z/h=0.0	
	2022		Seismic C	ertificatio	n Limits:	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> =	2.05 g		= <i>1.5</i> UUT
Building Code: CBC .	2022 Enclosure	OE	Seismic C	ertificatio nensions (	n Limits:	S <sub>DS</sub> = S <sub>DS</sub> = Weight	2.05 g	z/h=0.0	
Building Code: CBC .	2022 Enclosure Designation		Seismic C Din Depth	ertificatio nensions ( Width	n Limits: in) Height	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup>	2.05 g	z/h=0.0	<b>UUT</b> Extrap
Building Code: CBC . Model Line	2022 Enclosure Designation 0	kVA <sup>1</sup> ≤ 5	Seismic C Din Depth 7.0	ertification nensions ( Width 9.5	n Limits: in) Height 8.0	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup> 50	2.05 g	z/h=0.0	UUT
Building Code: CBC A	2022 Enclosure Designation 0 1	kVA <sup>1</sup> ≤ 5 ≤ 10	Seismic C Din Depth 7.0 9.0	ertification nensions ( Width 9.5 12.0	n Limits: in) Height 8.0 9.3	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup> 50	2.05 g	z/h=0.0	UUT Extrap Extrap Extrap
Building Code: CBC Model Line Enclosure Type: A Models: SA, SC, MA,	2022 Enclosure Designation 0 1 2 3 4	kVA <sup>1</sup> ≤5 ≤10 ≤15	Seismic C Din Depth 7.0 9.0 11.0	ertification nensions ( Width 9.5 12.0 11.0	n Limits: in) Height 8.0 9.3 14.0	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup> 50 60 70	2.05 g	z/h=0.0	UUT Extrap Extrap Extrap
Building Code: CBC . Model Line Enclosure Type: A Models: SA, SC, MA, MC, xxxC	2022 Enclosure Designation 0 1 2 3	<b>kVA</b> <sup>1</sup> ≤ 5 ≤ 10 ≤ 15 ≤ 20	Seismic C Din Depth 7.0 9.0 11.0 16.0	ertification nensions ( Width 9.5 12.0 11.0 15.5	n Limits: in) Height 8.0 9.3 14.0 14.0	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup> 50 60 70 85	2.05 g	z/h=0.0 المجة Notes <sup>4</sup>	UUT Extrap Extrap Extrap Extrap 1
Building Code: CBC Model Line Enclosure Type: A Models: SA, SC, MA,	2022 Enclosure Designation 0 1 2 3 4	kVA <sup>1</sup> ≤ 5 ≤ 10 ≤ 15 ≤ 20 7.5	Seismic C Din Depth 7.0 9.0 11.0 16.0 13.6	ertification nensions ( Width 9.5 12.0 11.0 15.5 18.5	n Limits: in) Height 8.0 9.3 14.0 15.5	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup> 50 60 70 85 110	2.05 g	z/h=0.0 المجة Notes <sup>4</sup>	UUT Extrap Extrap Extrap Extrap 1 Interp
Building Code: CBC . Model Line Enclosure Type: A Models: SA, SC, MA, MC, xxxC	2022 Enclosure Designation 0 1 2 3 4 4 4 4 <sup>2</sup>	<b>kVA</b> <sup>1</sup> ≤ 5 ≤ 10 ≤ 15 ≤ 20 7.5 ≤ 30	Seismic C Din Depth 7.0 9.0 11.0 16.0 13.6 16.0	ertification nensions ( Width 9.5 12.0 11.0 15.5 18.5 15.8	n Limits: in) Height 8.0 9.3 14.0 14.0 15.5 21.0	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> (lbs.) <sup>3</sup> 50 60 70 85 110 150	2.05 g	z/h=0.0 المجة Notes <sup>4</sup>	UUT Extrap Extrap Extrap Extrap 1 Interp Interp
Building Code: CBC . Model Line Enclosure Type: A Models: SA, SC, MA, MC, xxxC	2022 Enclosure Designation 0 1 2 3 4 4 4 2 5	kVA <sup>1</sup> ≤ 5 ≤ 10 ≤ 15 ≤ 20 7.5 ≤ 30 ≤ 45	Seismic C Din Depth 7.0 9.0 11.0 16.0 16.0 16.0	ertification nensions ( Width 9.5 12.0 11.0 15.5 18.5 15.8 20.5	n Limits: in) Height 8.0 9.3 14.0 15.5 21.0 25.0	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> (lbs.) <sup>3</sup> 50 60 70 85 110 150 400	2.05 g	z/h=0.0 المجة Notes <sup>4</sup>	UUT Extrap Extrap Extrap Extrap
Building Code: CBC . Model Line Enclosure Type: A Models: SA, SC, MA, MC, xxxC	2022 Enclosure Designation 0 1 2 3 4 4 4 2 5 6	kVA <sup>1</sup> ≤ 5         ≤ 10         ≤ 15         ≤ 20         7.5         ≤ 30         ≤ 45         ≤ 75	Seismic C Din Depth 7.0 9.0 11.0 16.0 13.6 16.0 16.0 20.8	ertification mensions ( Width 9.5 12.0 11.0 15.5 18.5 15.8 20.5 20.5	n Limits: in) Height 8.0 9.3 14.0 14.0 15.5 21.0 25.0 30.0	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> (lbs.) <sup>3</sup> 50 60 70 85 110 150 400 600	2.05 g	z/h=0.0 المجة Notes <sup>4</sup>	UUT Extrap Extrap Extrap Extrap 1 Interp Interp
Building Code: CBC . Model Line Enclosure Type: A Models: SA, SC, MA, MC, xxxC	2022 Enclosure Designation 0 1 2 3 4 4 4 2 5 6	kVA <sup>1</sup> ≤ 5         ≤ 10         ≤ 15         ≤ 20         7.5         ≤ 30         ≤ 45         ≤ 75	Seismic C Din Depth 7.0 9.0 11.0 16.0 13.6 16.0 16.0 20.8	ertification mensions ( Width 9.5 12.0 11.0 15.5 18.5 15.8 20.5 20.5	n Limits: in) Height 8.0 9.3 14.0 14.0 15.5 21.0 25.0 30.0	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> (lbs.) <sup>3</sup> 50 60 70 85 110 150 400 600	2.05 g	z/h=0.0 المجة Notes <sup>4</sup>	UUT Extrap Extrap Extrap 1 Interp Interp
Building Code: CBC . Model Line Enclosure Type: A Models: SA, SC, MA, MC, xxxC	2022 Enclosure Designation 0 1 2 3 4 4 4 2 5 6	kVA <sup>1</sup> ≤ 5         ≤ 10         ≤ 15         ≤ 20         7.5         ≤ 30         ≤ 45         ≤ 75	Seismic C Din Depth 7.0 9.0 11.0 16.0 13.6 16.0 16.0 20.8	ertification mensions ( Width 9.5 12.0 11.0 15.5 18.5 15.8 20.5 20.5	n Limits: in) Height 8.0 9.3 14.0 14.0 15.5 21.0 25.0 30.0	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> (lbs.) <sup>3</sup> 50 60 70 85 110 150 400 600	2.05 g	z/h=0.0 المجة Notes <sup>4</sup>	UUT Extrap Extrap Extrap Extrap 1 Interp Interp
Building Code: CBC Model Line Enclosure Type: A Models: SA, SC, MA, MC, xxxC	2022 Enclosure Designation 0 1 2 3 4 4 4 2 5 6	kVA <sup>1</sup> ≤ 5         ≤ 10         ≤ 15         ≤ 20         7.5         ≤ 30         ≤ 45         ≤ 75	Seismic C Din Depth 7.0 9.0 11.0 16.0 13.6 16.0 16.0 20.8	ertification mensions ( Width 9.5 12.0 11.0 15.5 18.5 15.8 20.5 20.5	n Limits: in) Height 8.0 9.3 14.0 14.0 15.5 21.0 25.0 30.0	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> (lbs.) <sup>3</sup> 50 60 70 85 110 150 400 600	2.05 g	z/h=0.0 المجة Notes <sup>4</sup>	UUT Extraj Extraj Extraj Extraj 1 Interp Interp

#### Notes:

1. kVA is referring to transformers "two winding" kVA.

**2.** Enclosures 4 and 7 have different dimensions than previously tested (UUT1 and UUT2) dimension in order for enclosures to meet code requirement. New dimensions are still bounded by tested units.

**3.** 150 kVA rated unit can not exceed 639 lbs.

4. Custom enclosure Type A sizes are permitted. Custom enclosures must not exceed dimensions or weight of UUT6.

### 1900565-CR-001-R3



Manufacturer:	Rex Power Mag	gnetics						TABLE	1
Model Line:	Dry Type Single	e & 3 Phase I	Power Trar	nsformers				IADLE	
Certified Product Co	onstruction Sun	nmary:							
Гуре A Enclosures: n									
						to the flo	or. Design	ation type indicates	intende
use of the transform	er which may a	ffect the ele	ctrical chai	racteristics	5.				
Certified Options Su	ımmary:								
Winding material: A	- Aluminum or (	C - Copper; S	Single or Th	iree Phase					
Winding Type: Barre		-	• • • •						
6 - Single Phase Isola	-							lation,	
) - Three Phase - Dri			insformer, 3	3PR - Singl	e/Three Ph	nase - Iron	Core,		
C - Single/Three Pha			FOR		ECON				
NEMA 2 enclosures							ng a drip sl	nield.	
NEMA 12 enclosures	s are the same o	construction	as NEMA 3	BR with diff	erent gask	cets.			
Mounting Configura	ution.					X7			
Base mounted - rigic			0	SP-03	30	7			
Note: Installed mounting		R.				i de la compañía de la	n		
VOLE. INSLALLED MODILIUM	IIIUSEDE DI SIIIIIAL								
			$\lambda / \cdot - \cdot$					/h=1.0	
Building Code: CBC		OE	$\lambda / \cdot - \cdot$	ertificatio		<b>S</b> <sub>DS</sub> =	2.05 g 2 2.05 g 2	<b>_</b> _=	1.5
Building Code: CBC .			Seismic C		n Limits:	<b>S</b> <sub>DS</sub> =	2.05g z	r/h=0.0	
-	2022		Seismic C	ertificatio	n Limits:	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> =	2.05g z	<b>_</b> _=	1.5 UUT
Building Code: CBC .	2022 Enclosure		Seismic C	ertificatio	n Limits:	S <sub>DS</sub> = S <sub>DS</sub> = Weight	2.05g z	r/h=0.0	υυτ
Building Code: CBC .	2022 Enclosure Designation		Seismic C Dir Depth	Certification mensions ( Width	in Limits: in) Height	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup>	2.05g z	r/h=0.0	<b>UUT</b> Interp
Building Code: CBC .	2022 Enclosure Designation 0	kVA <sup>1</sup> ≤ 5	Seismic C Dir Depth 7.0	ertification nensions ( Width 9.5	in Limits: (in) Height 8.0	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup>	2.05g z	r/h=0.0	
Building Code: CBC .	2022 Enclosure Designation 0 1	kVA <sup>1</sup> ≤5 ≤10	Seismic C Dir Depth 7.0 9.0	Certification mensions ( Width 9.5 12.0	n Limits: in) Height 8.0 9.3	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup> 50 60	2.05g z	r/h=0.0	UUT Interr Interr Interr
Building Code: CBC A	2022 Enclosure Designation 0 1 2	kVA <sup>1</sup> ≤5 ≤10 ≤15	Seismic C Dir Depth 7.0 9.0 11.0	Certification mensions ( Width 9.5 12.0 11.0	<b>n Limits:</b> (in) Height 8.0 9.3 14.0	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup> 50 60 70	2.05g z	r/h=0.0	UUT Inter Inter
Building Code: CBC . Model Line	2022 Enclosure Designation 0 1 2 3	kVA <sup>1</sup> ≤5 ≤10 ≤15 ≤20	Seismic C Dir Depth 7.0 9.0 11.0 11.0	Certification mensions ( Width 9.5 12.0 11.0 15.5	n Limits: in) Height 8.0 9.3 14.0 14.0	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup> 50 60 70 85	2.05g z	r/h=0.0	UUT Interr Interr Interr
Enclosure Type: A Models: BA, BC, DA, DC, RA, RC, 3PR, xxxC	2022 Enclosure Designation 0 1 2 3 4	kVA <sup>1</sup> ≤5 ≤10 ≤15 ≤20 ≤30	Seismic C Depth 7.0 9.0 11.0 11.0 16.0	Certification mensions ( Width 9.5 12.0 11.0 15.5 15.8	n Limits: (in) Height 8.0 9.3 14.0 14.0 21.0	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup> 50 60 70 85 150	2.05g z	r/h=0.0	UUT Intern Intern Intern Intern
Building Code: CBC A Model Line Enclosure Type: A Models: BA, BC, DA, DC, RA, RC, 3PR,	2022 Enclosure Designation 0 1 2 3 4 5	kVA <sup>1</sup> ≤ 5 ≤ 10 ≤ 15 ≤ 20 ≤ 30 ≤ 45	Seismic C Dir Depth 7.0 9.0 11.0 11.0 16.0	Certification mensions ( Width 9.5 12.0 11.0 15.5 15.8 20.5	<b>n Limits:</b> <b>in)</b> <b>Height</b> 8.0 9.3 14.0 14.0 21.0 25.0	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> ( <b>lbs</b> .) <sup>3</sup> 50 60 70 85 150 260	2.05g z	r/h=0.0	UUT Inter Inter Inter Inter Inter
Building Code: CBC . Model Line Enclosure Type: A Models: BA, BC, DA, DC, RA, RC, 3PR, xxxC	2022 Enclosure Designation 0 1 2 3 4 5 6	kVA <sup>1</sup> ≤ 5 ≤ 10 ≤ 15 ≤ 20 ≤ 30 ≤ 45 ≤ 75	Seismic C Depth 7.0 9.0 11.0 11.0 16.0 20.8	Certification mensions ( Width 9.5 12.0 11.0 15.5 15.8 20.5 20.5	n Limits: (in) Height 8.0 9.3 14.0 14.0 21.0 25.0 30.0	S DS= S DS= Weight (lbs.) <sup>3</sup> 50 60 70 85 150 260 400	2.05 g 2 2.05 g 2	r/h=0.0 Notes <sup>4</sup>	UU1 Inter Inter Inter Inter Inter
Building Code: CBC . Model Line Enclosure Type: A Models: BA, BC, DA, DC, RA, RC, 3PR, xxxC	2022 Enclosure Designation 0 1 2 3 4 5 6 7	kVA <sup>1</sup> ≤ 5 ≤ 10 ≤ 15 ≤ 20 ≤ 30 ≤ 45 ≤ 75 ≤ 150	Seismic C Depth 7.0 9.0 11.0 16.0 20.8 21.8	Certification mensions ( Width 9.5 12.0 11.0 15.5 15.8 20.5 20.5 20.5 24.5	Image: mail of the second s	S DS S DS Weight (lbs.) <sup>3</sup> 50 60 70 85 150 260 400 639	2.05 g 2 2.05 g 2.05 g 2.	r/h=0.0 Notes <sup>4</sup>	UUT Inter Inter Inter Inter Inter Inter
Building Code: CBC . Model Line Enclosure Type: A Models: BA, BC, DA, DC, RA, RC, 3PR, xxxC	2022 Enclosure Designation 0 1 2 3 4 5 6 7 7 7	kVA <sup>1</sup> ≤ 5         ≤ 10         ≤ 15         ≤ 20         ≤ 30         ≤ 45         ≤ 75         ≤ 150         75	Seismic C Dir Depth 7.0 9.0 11.0 11.0 16.0 20.8 21.8 19.3	Certification mensions ( Width 9.5 12.0 11.0 15.5 15.8 20.5 20.5 20.5 24.5 27.4	n Limits: in) Height 8.0 9.3 14.0 14.0 21.0 25.0 30.0 36.0 31.5	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> (lbs.) <sup>3</sup> 50 60 70 85 150 260 400 639 540	2.05 g 2 2.05 g 2.05 g 2.	r/h=0.0 Notes <sup>4</sup>	UUT Inter Inter Inter Inter Inter Inter Inter 2
Enclosure Type: A Models: BA, BC, DA, DC, RA, RC, 3PR, xxxC	2022 Enclosure Designation 0 1 2 3 4 5 6 7 7 7	kVA <sup>1</sup> ≤ 5         ≤ 10         ≤ 15         ≤ 20         ≤ 30         ≤ 45         ≤ 75         ≤ 150         75	Seismic C Dir Depth 7.0 9.0 11.0 11.0 16.0 20.8 21.8 19.3	Certification mensions ( Width 9.5 12.0 11.0 15.5 15.8 20.5 20.5 20.5 24.5 27.4	n Limits: in) Height 8.0 9.3 14.0 14.0 21.0 25.0 30.0 36.0 31.5	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> (lbs.) <sup>3</sup> 50 60 70 85 150 260 400 639 540	2.05 g 2 2.05 g 2.05 g 2.	r/h=0.0 Notes <sup>4</sup>	UUT Inter Inter Inter Inter Inter Inter Inter 2

#### Notes:

**1.** *kVA* is referring to transformers "two winding" kVA.

**2.** Enclosures 4 and 7 have different dimensions than previously tested (UUT1 and UUT2) dimension in order for enclosures to meet code requirement. New dimensions are still bounded by tested units.

**3.** 150 kVA rated unit can not exceed 639 lbs.

4. Custom enclosure Type A sizes are permitted. Custom enclosures must not exceed dimensions or weight of UUT6.

### 1900565-CR-001-R3



Manufacturer:	Rex Power Mag	netics						TABLE	= 2
Model Line:	Dry Type Single	e & 3 Phase I	Power Trar	nsformers				IADLI	- 2
Certified Product Co	onstruction Sun	nmary:							
Type B Enclosures: I									
Type B = transforme		, ,			han the en	iclosure. D	esignatio	n type indicates inte	ended use
of the transformer v	which may affect	the electric	cal characte	eristics.					
Certified Options Su	ımmary:								
Winding material: A	- Aluminum or (	C - Copper; S	Single or Th	iree Phase					
Winding Type: Barre	el, Barrel W/ Shie	eld, Disc, Dis	sc w/ Shield	d, Cast, Ca	st w/ shield	d NEMA Ty	pe 1, 2, 3F	R, or 12 enclosure;	
ans (YAHOA Electri	c Co.), Thermon	neter and co	ontroller (Q	ualitrol / P	recimeasu	re)			
S - Single Phase Isol	ation, M - Single	Phase Auto	otransform	er, B - Thre	e Phase - (	General Pu	irpose Iso	lation, D - Three Pha	ase - Driv
R - Three Phase Auto	otransformer, 3I	PR - Single/T	Three Phas	e - Iron Co	re, C - Sing	<mark>le/</mark> Three P	hase - Iro	n Core custom kVA	
NEMA 2 enclosures	are the same co	onstruction a	as NEMA 1	with differ	ent gaskets	s, providin	g a drip sl	nield.	
-NEMA 12 enclosure	s are the same o	onstruction	as NEMA 3	BR with diff	ferent gask	ets.			
		15A				T.			
Mounting Configure						722			
Base mounted - rigi	d /		$\bigcirc$	SP-03	32		-		
0							1 1		
0		configuration a			nd stiffness to	o those te <mark>stee</mark>	d.		
Note: Installed mounting	g must be of similar	configuration a	and equivaler	nt strength ar	1	S <sub>DS</sub> =	2.05 g z		= 1.5
0	g must be of similar <b>2022</b>	configuration a	and equivaler	nt strength ar	n Limits:	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> =			= 1.5
Note: Installed mounting	g must be of similar 2022 Enclosure		and equivaler Seismic C	nt strength ar Certification mensions (	n Limits: (in)	S <sub>DS</sub> = S <sub>DS</sub> = Weight	2.05 g z	z/h=0.0	= <i>1.5</i>
Note: Installed mounting	g must be of similar <b>2022</b>		Seismic C Dir Depth	nt strength ar Certification nensions ( Width	in Limits: (in) Height	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup>	2.05 g 2 2.05 g 2	z/h=0.0 Notes <sup>4</sup>	UUT
Note: Installed mounting	must be of similar 2022 Enclosure Designation 8	kVA <sup>1</sup>	and equivaler Seismic C	nt strength ar Certification nensions Width 30.8	(in) Height 31.8	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup> 450	2.05 g 2 2.05 g 2	z/h=0.0	
Note: Installed mounting	g must be of similar 2022 Enclosure Designation		Seismic C Dir Depth	nt strength ar Certification nensions ( Width	in Limits: (in) Height	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup>	2.05 g 2 2.05 g 2	z/h=0.0 Notes <sup>4</sup>	UUT
Note: Installed mounting	must be of similar 2022 Enclosure Designation 8 8 8S <sup>2</sup>	<b>kVA<sup>1</sup></b> 25 ≤ 300	Seismic C Dir Depth 29.8 29.0	ertification mensions ( Width 30.8 27.0	(in) Height 31.8 47.0	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup> 450 1,000	2.05 g 2 2.05 g 2 SA25-J-K, 7 SC55X-CX,	z/h=0.0 Notes <sup>4</sup> Al Disc Coil Cu, Barrel Cast,	UUT 3 Interp
Note: Installed mounting Building Code: CBC Model Line Enclosure Type B Model: SA, SC,	2022 Enclosure Designation 8 85 <sup>2</sup> 9	kVA <sup>1</sup>	Seismic C Dir Depth 29.8 29.0 38.0	ertification mensions ( Width 30.8 27.0 40.0	(in) Height 31.8 47.0 44.3	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup> 450	2.05 g 2 2.05 g 2 SA25-J-K, /	z/h=0.0 Notes <sup>4</sup> Al Disc Coil Cu, Barrel Cast,	<b>UUT</b> 3
Note: Installed mounting Building Code: CBC Model Line Enclosure Type B Model: SA, SC, MA,MC	must be of similar 2022 Enclosure Designation 8 8 8S <sup>2</sup>	<b>kVA<sup>1</sup></b> 25 ≤ 300	Seismic C Dir Depth 29.8 29.0	ertification mensions ( Width 30.8 27.0	(in) Height 31.8 47.0	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) <sup>3</sup> 450 1,000	2.05 g 2 2.05 g 2 SA25-J-K, 7 SC55X-CX,	z/h=0.0 Notes <sup>4</sup> Al Disc Coil Cu, Barrel Cast,	UUT 3 Interp
Note: Installed mounting Building Code: CBC Model Line Enclosure Type B Model: SA, SC,	must be of similar 2022 Enclosure Designation 8 85 <sup>2</sup> 9	kVA <sup>1</sup> 25 ≤ 300 55	Seismic C Dir Depth 29.8 29.0 38.0	ertification mensions ( Width 30.8 27.0 40.0	(in) Height 31.8 47.0 44.3	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> (lbs.) <sup>3</sup> 450 1,000 680	2.05 g 2 2.05 g 2 SA25-J-K, 7 SC55X-CX,	z/h=0.0 Notes <sup>4</sup> Al Disc Coil Cu, Barrel Cast,	UUT 3 Interp 5 Interp
Note: Installed mounting Building Code: CBC Model Line Enclosure Type B Model: SA, SC, MA,MC	2022 Enclosure Designation 8 8 8S <sup>2</sup> 9 9S <sup>2</sup>	kVA <sup>1</sup> 25 ≤ 300 55 ≤ 600	Seismic C Dir Depth 29.8 29.0 38.0 32.0	ertification mensions Width 30.8 27.0 40.0 32.0	Height         31.8         47.0         44.3         52.0	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> (lbs.) <sup>3</sup> 450 1,000 680 3,000	2.05 g 2 2.05 g 2 SA25-J-K, 7 SC55X-CX,	z/h=0.0 Notes <sup>4</sup> Al Disc Coil Cu, Barrel Cast,	UUT 3 Interp 5 Interp Interp
Note: Installed mounting Building Code: CBC Model Line Enclosure Type B Model: SA, SC, MA,MC	must be of similar 2022 Enclosure Designation 8 85 <sup>2</sup> 9 95 <sup>2</sup> 10	kVA <sup>1</sup> 25 ≤ 300 55 ≤ 600 ≤ 750	Dir           Depth           29.8           29.0           38.0           32.0           50.0	ertification mensions ( Width 30.8 27.0 40.0 32.0 46.0	(in) Height 31.8 47.0 44.3 52.0 66.0	S DS= S DS= Weight (lbs.) <sup>3</sup> 450 1,000 680 3,000 4,000	2.05 g 2 2.05 g 2 SA25-J-K, 7 SC55X-CX,	z/h=0.0 Notes <sup>4</sup> Al Disc Coil Cu, Barrel Cast,	UUT 3 Interp 5 Interp Interp Interp
Note: Installed mounting Building Code: CBC Model Line Enclosure Type B Model: SA, SC, MA,MC	2022 Enclosure Designation 8 8 8S <sup>2</sup> 9 9 9S <sup>2</sup> 10 11	kVA <sup>1</sup> 25 ≤ 300 55 ≤ 600 ≤ 750 ≤ 1000	Depth           29.8           29.0           38.0           32.0           50.0           55.0	at strength ar         certification         mensions         Width         30.8         27.0         40.0         32.0         46.0         60.0	Imits:         Imits:	S DS S DS Weight (lbs.) <sup>3</sup> 450 1,000 680 3,000 4,000 5,000	2.05 g 2 2.05 g 2 SA25-J-K, 7 SC55X-CX,	z/h=0.0 Notes <sup>4</sup> Al Disc Coil Cu, Barrel Cast,	UUT 3 Interp 5 Interp Interp Interp
Note: Installed mounting Building Code: CBC Model Line Enclosure Type B Model: SA, SC, MA,MC	must be of similar 2022 Enclosure Designation 8 8 8 8 9 9 9 9 9 10 11 12	kVA <sup>1</sup> 25         ≤ 300         55         ≤ 600         ≤ 750         ≤ 1000         ≤ 1500	Display         Depth         29.8         29.0         38.0         32.0         50.0         55.0         56.0	nt strength ar certification mensions ( Width 30.8 27.0 40.0 32.0 46.0 60.0 73.0	(in) Height 31.8 47.0 44.3 52.0 66.0 71.0 79.5	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> (lbs.) <sup>3</sup> 450 1,000 680 3,000 4,000 5,000 6,744	2.05 g 2 2.05 g 2 SA25-J-K, 7 SC55X-CX,	z/h=0.0 Notes <sup>4</sup> Al Disc Coil Cu, Barrel Cast,	UUT 3 Interp 5
Note: Installed mounting Building Code: CBC Model Line Enclosure Type B Model: SA, SC, MA,MC Single Phase	must be of similar 2022 Enclosure Designation 8 8 8 8 2 9 9 9 9 9 9 9 10 11 12 8	kVA <sup>1</sup> 25         ≤ 300         55         ≤ 600         ≤ 750         ≤ 1000         ≤ 1500         ≤ 300	And equivaler         Seismic C         Dir         Depth         29.8         29.0         38.0         32.0         50.0         55.0         56.0         33.5	nt strength ar certification mensions ( Width 30.8 27.0 40.0 40.0 40.0 60.0 73.0 30.8	Imits:         (in)         Height         31.8         47.0         44.3         52.0         66.0         71.0         79.5         44.0	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> (lbs.) <sup>3</sup> 450 1,000 680 3,000 4,000 5,000 6,744 1,000	2.05 g 2 2.05 g 2 SA25-J-K, 7 SC55X-CX,	z/h=0.0 Notes <sup>4</sup> Al Disc Coil Cu, Barrel Cast,	UUT 3 Interp 5 Interp Interp Interp Interp
Building Code: CBC Model Line Enclosure Type B Model: SA, SC, MA,MC Single Phase Enclosure Type B	a must be of similar 2022 Enclosure Designation 8 8 8 8 9 9 9 9 9 10 11 12 8 9 9	kVA <sup>1</sup> 25         ≤ 300         55         ≤ 600         ≤ 750         ≤ 1000         ≤ 1500         ≤ 300         ≤ 600	Seismic C         Dir         Depth         29.8         29.0         38.0         32.0         50.0         55.0         56.0         33.5         38.0	nt strength ar certification mensions Width 30.8 27.0 40.0 40.0 46.0 60.0 73.0 30.8 40.0	Imits:         Imits:	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> <b>(lbs.)</b> <sup>3</sup> 450 1,000 680 3,000 4,000 5,000 6,744 1,000 3,000	2.05 g 2 2.05 g 2 SA25-J-K, 7 SC55X-CX,	z/h=0.0 Notes <sup>4</sup> Al Disc Coil Cu, Barrel Cast,	UUT 3 Interp 5 Interp Interp Interp Interp Interp Interp
Note: Installed mounting Building Code: CBC Model Line Enclosure Type B Model: SA, SC, MA,MC Single Phase Enclosure Type B Model: BA, BC, DA,	a must be of similar 2022 Enclosure Designation 8 8 8 8 9 9 9 9 9 10 11 12 8 9 10 11 12 8 9 10 10	kVA <sup>1</sup> 25         ≤ 300         55         ≤ 600         ≤ 750         ≤ 1000         ≤ 1500         ≤ 300         ≤ 600         ≤ 750	Seismic C         Dir         Depth         29.8         29.0         38.0         32.0         50.0         55.0         56.0         33.5         38.0         50.0	nt strength ar certification mensions ( Width 30.8 27.0 40.0 40.0 46.0 60.0 73.0 30.8 40.0 46.0 60.0 73.0 30.8 40.0	Imits:         (in)         Height         31.8         47.0         44.3         52.0         66.0         71.0         79.5         44.0         52.0         66.0	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> = <b>Weight</b> (lbs.) <sup>3</sup> 450 1,000 680 3,000 4,000 5,000 6,744 1,000 3,000 4,000	2.05 g 2 2.05 g 2 SA25-J-K, 7 SC55X-CX,	z/h=0.0 Notes <sup>4</sup> Al Disc Coil Cu, Barrel Cast,	UUT 3 Interp 5 Interp Interp Interp Interp Interp Interp

#### Notes:

1. kVA is referring to transformers "two winding" kVA.

**2.** Enclosures 8S and 9S (single phase only) have different dimensions than enclosures 8 and 9 in order for enclosures to meet code requirements. New dimensions are still bounded by tested units.

3. 1500 kVA rated unit can not exceed 6,744 lbs.

4. Custom enclosure Type B sizes are permitted. Custom enclosures must not exceed dimensions or weight of UUT7.

### 1900565-CR-001-R3



Manufacturer:	Rex Power Mag	netics							BLE 3
Aodel Line:	Dry Type Single	e & 3 Phase	Power Trar	nsformers				IA	DLE J
Certified Product Co	onstruction Sun	nmary:							
ype C Enclosures: r					00				
ype C = transforme					than the er	nclosure. De	esignatio	on type indica	tes intended us
of the transformer w	hich may affect	the electric	cal characte	eristics.					
Certified Options Su	ımmary:								
Vinding material: A	- Aluminum or (	C - Copper; S	Single or Th	nree Phase					
Vinding Type: Barre							e 1, 2, 3	R, or 12 enclos	sure;
ans (YAHOA Electric									
5 - Single Phase Isola	-						•		
R - Three Phase Auto					- 77				n kVA
NEMA 2 enclosures							a drip s	hield.	
NEMA 12 enclosures	s are the same c	construction	as NEMA 3	BR with diff	ferent gask	ets.			
In writing Configure	dia m.					X Z			
Mounting Configura			0	SP-03	20	745			
Base mounted - rigio		Q (				`m			
lote: Installed mounting	must be of similar	configuration :	and equivaler	nt strength ar	nd stiffness to	and the second s			
Building Code: CBC	2022		Seismic C	ertificatio	n Limits:	<b>S</b> <sub>DS</sub> = 2	2 <mark>.0</mark> 5g	z/h=1.0	<i>I</i> <sub>P</sub> = 1.5
						$S_{DS}=2$	2.05q	z/h=0.0	F =
	Enclosure		Dir				2 <mark>.0</mark> 5g		· ·
Model Line		kVA <sup>1</sup>	Dir Depth	nensions ( Width		S <sub>DS</sub> = 2 Weight (lbs.)	2.05 g	z/h=0.0 Notes <sup>3</sup>	UUT
Model Line	Enclosure	<b>kVA<sup>1</sup></b> ≤ 1750		nensions	(in)	Weight	2 <mark>.0</mark> 5 g		UUT
Model Line	Enclosure Designation		Depth	mensions Width	(in) Height	Weight (lbs.)	2.05 g		UUT
Model Line	Enclosure Designation	≤ 1750	<b>Depth</b> 48.0	width 80.0	(in) Height 91.5	Weight (lbs.) 7,000	2.05 g		UUT Interp Interp
	Enclosure Designation 13 14	≤ 1750 ≤ 2000	<b>Depth</b> 48.0 60.0	width 80.0 90.0	(in) Height 91.5 91.5	Weight (lbs.) 7,000 9,000	2.05 g		UUT Interp Interp Interp
<b>Model Line</b> Enclosure Type C Model: SA, SC, MA,	Enclosure Designation 13 14 15	≤ 1750 ≤ 2000 ≤ 2250	Depth           48.0           60.0           60.0	<b>Width</b> 80.0 90.0 90.0	(in) Height 91.5 91.5 100.0	Weight (lbs.) 7,000 9,000 10,000	2.05 g		UUT Interp Interp Interp Interp
Enclosure Type C	Enclosure Designation 13 14 15 16	≤ 1750 ≤ 2000 ≤ 2250 ≤ 2500	Depth           48.0           60.0           60.0           60.0           60.0	Width           80.0           90.0           90.0           100.0	(in) Height 91.5 91.5 100.0 91.5	Weight (lbs.)           7,000           9,000           10,000           10,500	2.05 g		UUT Interp Interp Interp Interp Interp
Enclosure Type C Model: SA, SC, MA,	Enclosure Designation 13 14 15 16 17	<pre>≤ 1750 ≤ 2000 ≤ 2250 ≤ 2500 ≤ 2750</pre>	Depth           48.0           60.0           60.0           60.0           60.0           60.0	Width           80.0           90.0           90.0           100.0	(in) Height 91.5 91.5 100.0 91.5 110.0	Weight (lbs.)           7,000           9,000           10,000           10,500           12,000	2.05 g		UUT Interp Interp Interp Interp Interp Interp
Enclosure Type C Model: SA, SC, MA, MC,xxxC	Enclosure           Designation           13           14           15           16           17           18	<pre>≤ 1750 ≤ 2000 ≤ 2250 ≤ 2500 ≤ 2750 ≤ 3000</pre>	Depth           48.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0	Width           80.0           90.0           90.0           100.0           110.0	(in) Height 91.5 91.5 100.0 91.5 110.0 110.0	Weight (lbs.)           7,000           9,000           10,000           10,500           12,000           13,000	2.05 g		UUT Interp Interp Interp Interp Interp Interp Interp
Enclosure Type C Model: SA, SC, MA, MC,xxxC	Enclosure           Designation           13           14           15           16           17           18           19	<pre>≤ 1750 ≤ 2000 ≤ 2250 ≤ 2500 ≤ 2750 ≤ 3000 ≤ 3250</pre>	Depth           48.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0	Width           80.0           90.0           90.0           100.0           100.0           110.0           110.0	(in) Height 91.5 91.5 100.0 91.5 110.0 110.0 120.0	Weight (lbs.)           7,000           9,000           10,000           10,500           12,000           13,000           14,000	2.05 g		UUT Interp Interp Interp Interp Interp Interp Interp Interp
Enclosure Type C Model: SA, SC, MA, MC,xxxC	Enclosure           Designation           13           14           15           16           17           18           19           20	<pre>≤ 1750 ≤ 2000 ≤ 2250 ≤ 2500 ≤ 2750 ≤ 3000 ≤ 3250 ≤ 3500</pre>	Depth           48.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           72.0	Width           80.0           90.0           90.0           100.0           100.0           110.0           110.0           110.0	(in) Height 91.5 91.5 100.0 91.5 110.0 110.0 120.0 110.0	Weight (lbs.)           7,000           9,000           10,000           10,500           12,000           13,000           14,000           16,000	2.05 g		UUT Interp Interp Interp Interp Interp Interp Interp Interp
Enclosure Type C Model: SA, SC, MA, MC,xxxC	Enclosure           Designation           13           14           15           16           17           18           19           20           21	<pre>≤ 1750 ≤ 2000 ≤ 2250 ≤ 2500 ≤ 2750 ≤ 3000 ≤ 3250 ≤ 3500 ≤ 3750</pre>	Depth           48.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           72.0	Width           80.0           90.0           90.0           100.0           100.0           110.0           110.0           110.0           120.0	(in) Height 91.5 91.5 100.0 91.5 110.0 110.0 120.0 120.0	Weight (lbs.)           7,000           9,000           10,000           10,500           12,000           13,000           14,000           16,000           18,000	2.05 g		· ·
Enclosure Type C Model: SA, SC, MA, MC,xxxC	Enclosure           Designation           13           14           15           16           17           18           19           20           21	<pre>≤ 1750 ≤ 2000 ≤ 2250 ≤ 2500 ≤ 2750 ≤ 3000 ≤ 3250 ≤ 3500 ≤ 3750</pre>	Depth           48.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           72.0	Width           80.0           90.0           90.0           100.0           100.0           110.0           110.0           110.0           120.0	(in) Height 91.5 91.5 100.0 91.5 110.0 110.0 120.0 120.0	Weight (lbs.)           7,000           9,000           10,000           10,500           12,000           13,000           14,000           16,000           18,000	2.05 g		UUT Interp Interp Interp Interp Interp Interp Interp Interp
Enclosure Type C Model: SA, SC, MA, MC,xxxC	Enclosure           Designation           13           14           15           16           17           18           19           20           21	<pre>≤ 1750 ≤ 2000 ≤ 2250 ≤ 2500 ≤ 2750 ≤ 3000 ≤ 3250 ≤ 3500 ≤ 3750</pre>	Depth           48.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           72.0	Width           80.0           90.0           90.0           100.0           100.0           110.0           110.0           110.0           120.0	(in) Height 91.5 91.5 100.0 91.5 110.0 110.0 120.0 120.0	Weight (lbs.)           7,000           9,000           10,000           10,500           12,000           13,000           14,000           16,000           18,000	2.05 g		UUT Interp Interp Interp Interp Interp Interp Interp Interp
Enclosure Type C Model: SA, SC, MA, MC,xxxC	Enclosure           Designation           13           14           15           16           17           18           19           20           21	<pre>≤ 1750 ≤ 2000 ≤ 2250 ≤ 2500 ≤ 2750 ≤ 3000 ≤ 3250 ≤ 3500 ≤ 3750</pre>	Depth           48.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           72.0	Width           80.0           90.0           90.0           100.0           100.0           110.0           110.0           110.0           120.0	(in) Height 91.5 91.5 100.0 91.5 110.0 110.0 120.0 120.0	Weight (lbs.)           7,000           9,000           10,000           10,500           12,000           13,000           14,000           16,000           18,000	2.05 g		UUT Interp Interp Interp Interp Interp Interp Interp Interp

1. kVA is referring to transformers "two winding" kVA.

**2.** Transformer cores and coils are also certified for standalone installation. They are supported and mounted independently from the enclosures.

**3.** Custom enclosure Type C sizes are permitted. Custom enclosures must not exceed dimensions or weight of UUT4.

### 1900565-CR-001-R3



Manufacturer:	Rex Power Mag	gnetics					TABLE	: 2
Model Line:	Dry Type Single	e & 3 Phase I	Power Trar	nsformers				. 3
Certified Product Co	onstruction Sun	nmary:						
Type C Enclosures: ı	mild carbon stee	el sheet met	al enclosur	re with size	s ranging	from 13 to	22.	
					than the e	nclosure.	Designation type indicates inte	ended use
of the transformer v	which may affect	t the electric	cal characte	eristics.				
Certified Options Su	ummary:							
Winding material: A	- Aluminum or (	C - Copper; S	Single or Th	ree Phase				
• • • •			-		-	-	/pe 1, 2, 3R, or 12 enclosure;	
ans (YAHOA Electri								
-	-						urpose Isolation, D - Three Pha	ise - Drive
		-			- 1/7		Phase - Iron Core custom kVA	
NEMA 2 enclosures							ng a drip shield.	
NEMA 12 enclosure	s are the same o	construction	as NEMA 3	3R with diff	erent gas	kets.		
Mountina Configura	ntion					VVVXXX -		
		E.		CD 03	30			
Base mounted - rigi	d	RE		SP-03				
Base mounted - rigi	d	configuration a						
Mounting Configure Base mounted - rigi Note: Installed mounting Building Code: CBC	d g must be of similar	configuration a	and equivaler		nd stiffness to	<b>S</b> <sub>DS</sub> =	2.05 g z/h=1.0	1.5
Base mounted - rigin Note: Installed mounting Building Code: CBC	d g must be of similar		and equivaler	nt strength ar	nd stiffness to <b>n Limits:</b>	<b>S</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> =	2.05 g z/h=1.0 2.05 g z/h=0.0	r
Base mounted - rigion Note: Installed mounting	d g must be of similar <b>2022</b>	configuration a	and equivaler	nt strength ar	nd stiffness to <b>n Limits:</b>	<b>S</b> <sub>DS</sub> =	2.05 g z/h=1.0	1.5 UUT
Base mounted - riginor - rigin	d g must be of similar 2022 Enclosure		and equivaler Seismic C	nt strength ar Certification mensions (	nd stiffness to in Limits:	S <sub>DS</sub> = S <sub>DS</sub> = Weight	2.05 g z/h=1.0 2.05 g z/h=0.0	r
Base mounted - riginor Note: Installed mounting Building Code: CBC	d g must be of similar 2022 Enclosure Designation		Seismic C	nt strength ar Certification mensions ( Width	nd stiffness to in Limits: (in) Height	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.)	2.05 g z/h=1.0 2.05 g z/h=0.0 Notes <sup>3</sup>	<b>UUT</b> 8
Base mounted - riginor Note: Installed mounting Building Code: CBC	d g must be of similar 2022 Enclosure Designation 13	kVA <sup>1</sup>	Seismic C Dir Depth 48.0	nt strength ar Certification mensions Width 80.0	nd stiffness to <b>n Limits:</b> (in) Height 91.5	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) 11,100	2.05 g z/h=1.0 2.05 g z/h=0.0 Notes <sup>3</sup>	UUT 8 Interp
Base mounted - rigin Note: Installed mounting Building Code: CBC	d g must be of similar 2022 Enclosure Designation 13 14	kVA <sup>1</sup> 1500 ≤ 2500	Seismic C Dir Depth 48.0 60.0	nt strength ar Certification nensions ( Width 80.0 90.0	nd stiffness to <b>n Limits:</b> (in) Height 91.5 91.5	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) 11,100 11,000	2.05 g z/h=1.0 2.05 g z/h=0.0 Notes <sup>3</sup>	UUT 8 Interp.
Base mounted - rigi Note: Installed mounting Building Code: CBC Model Line	d g must be of similar 2022 Enclosure Designation 13 14 15	kVA <sup>1</sup> 1500 ≤ 2500 ≤ 3000	And equivaler Seismic C Dir Depth 48.0 60.0 60.0	ertification mensions ( Width 80.0 90.0 90.0	nd stiffness to n Limits: (in) Height 91.5 91.5 100.0	S DS= S DS= Weight (lbs.) 11,100 11,000 12,000	2.05 g z/h=1.0 2.05 g z/h=0.0 Notes <sup>3</sup>	UUT 8 Interp. Interp.
Base mounted - rigi Note: Installed mounting Building Code: CBC Model Line Enclosure Type C	d g must be of similar 2022 Enclosure Designation 13 14 15 16	kVA <sup>1</sup> 1500 ≤ 2500 ≤ 3000 ≤ 3500	Seismic C Depth 48.0 60.0 60.0 60.0	nt strength ar Certification mensions ( Width 80.0 90.0 90.0 100.0	nd stiffness to n Limits: (in) Height 91.5 91.5 100.0 91.5	S <sub>DS</sub> = S <sub>DS</sub> = Weight (lbs.) 11,100 11,000 12,000 12,000	2.05 g z/h=1.0 2.05 g z/h=0.0 Notes <sup>3</sup>	UUT 8 Interp Interp Interp
Base mounted - rigi Note: Installed mounting Building Code: CBC Model Line	d g must be of similar 2022 Enclosure Designation 13 14 15 16 17	kVA <sup>1</sup> 1500 ≤ 2500 ≤ 3000 ≤ 3500 ≤ 4000	Depth           48.0           60.0           60.0           60.0           60.0	ertification mensions ( Width 80.0 90.0 90.0 100.0 100.0	nd stiffness to n Limits: (in) Height 91.5 100.0 91.5 110.0	S DS S DS Weight (lbs.) 11,100 11,000 12,000 12,000 15,000	2.05 g z/h=1.0 2.05 g z/h=0.0 Notes <sup>3</sup>	8 Interp Interp Interp Interp
Base mounted - rigi Note: Installed mounting Building Code: CBC Model Line Enclosure Type C Model: BA, BC, DA,	d g must be of similar 2022 Enclosure Designation 13 14 15 16 16 17 18	<b>kVA<sup>1</sup></b> 1500 ≤ 2500 ≤ 3000 ≤ 3500 ≤ 4000 ≤ 5000	Depth           48.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0	nt strength ar certification mensions ( Width 80.0 90.0 90.0 100.0 100.0 110.0 110.0	nd stiffness to n Limits: (in) Height 91.5 100.0 91.5 110.0 110.0 120.0	S DS S DS Weight (lbs.) 11,100 11,000 12,000 12,000 15,000 16,000 18,000	2.05 g z/h=1.0 2.05 g z/h=0.0 Notes <sup>3</sup>	8 Interp. Interp. Interp. Interp. Interp. Interp.
Base mounted - rigi Note: Installed mounting Building Code: CBC Model Line Enclosure Type C Model: BA, BC, DA, DC, RA, RC,	d g must be of similar 2022 Enclosure Designation 13 14 15 16 17 18 19	kVA <sup>1</sup> 1500 ≤ 2500 ≤ 3000 ≤ 3500 ≤ 4000 ≤ 5500	Depth           48.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0           60.0	nt strength ar Certification mensions ( Width 80.0 90.0 90.0 90.0 100.0 100.0 110.0	nd stiffness to n Limits: (in) Height 91.5 91.5 100.0 91.5 110.0 110.0	S DS S DS Weight (lbs.) 11,100 11,000 12,000 12,000 15,000 16,000	2.05 g z/h=1.0 2.05 g z/h=0.0 Notes <sup>3</sup>	8 Interp. Interp. Interp. Interp. Interp. Interp.
Base mounted - rigin Note: Installed mounting Building Code: CBC Model Line Enclosure Type C Model: BA, BC, DA, DC, RA, RC, 3PR,xxxC	d g must be of similar 2022 Enclosure Designation 13 14 15 16 17 18 19 20 20 21	kVA <sup>1</sup> 1500         ≤ 2500         ≤ 3000         ≤ 3500         ≤ 4000         ≤ 5500         ≤ 5500         ≤ 6000	Depth           48.0           60.0           60.0           60.0           60.0           60.0           72.0	nt strength ar certification mensions ( Width 80.0 90.0 90.0 100.0 100.0 110.0 110.0 110.0 110.0 110.0	nd stiffness to n Limits: in) Height 91.5 91.5 100.0 91.5 110.0 110.0 120.0 120.0	S DS S DS S DS Weight (lbs.) 11,100 11,000 12,000 12,000 15,000 16,000 16,000 18,000 19,000 23,000	2.05 g z/h=1.0 2.05 g z/h=0.0 Notes <sup>3</sup>	UUT 8 Interp. Interp. Interp. Interp. Interp. Interp. Interp.
Base mounted - rigin Note: Installed mounting Building Code: CBC Model Line Enclosure Type C Model: BA, BC, DA, DC, RA, RC, 3PR,xxxC	d g must be of similar 2022 Enclosure Designation 13 14 15 16 17 18 19 20	kVA <sup>1</sup> 1500 ≤ 2500 ≤ 3500 ≤ 4000 ≤ 5500 ≤ 6000 ≤ 7000	Depth           48.0           60.0           60.0           60.0           60.0           60.0           60.0           72.0	nt strength ar Certification mensions ( Width 80.0 90.0 90.0 100.0 100.0 110.0 110.0 110.0	nd stiffness to n Limits: (in) Height 91.5 91.5 100.0 91.5 110.0 110.0 120.0 110.0	S DS S DS Weight (lbs.) 11,100 11,000 12,000 12,000 15,000 16,000 18,000 19,000	2.05 g z/h=1.0 2.05 g z/h=0.0 Notes <sup>3</sup>	8 Interp Interp Interp Interp Interp Interp

#### Notes:

1. kVA is referring to transformers "two winding" kVA.

**2.** Transformer cores and coils are also certified for standalone installation. They are supported and mounted independently from the enclosures.

3. Custom enclosure Type C sizes are permitted. Custom enclosures must not exceed dimensions or weight of UUT4.

#### 1900565-CR-001-R3



Manufacturer: Model Line:	Rex Power Magnetics Dry Type Single & 3 Pł	nase Power Transformers	TABLE 4
Building Code: CBC 20	022	Seismic Certification Limits: $S_{DS} = 2.05 g z/h = 1.0$ $S_{DS} = 2.05 g z/h = 0.0$ $I_{P} = 1.5$	
Model Line (Manufacturer)	Model	Weight	Notes UUT
Cooling Fan (YAHOA)	G20060HA1-B-C TG28080HA1 BL-C	8" ø, AC120V, 55W, Frame: Al , Impeller: Iron Leaf6.211" ø, AC120V, 55W, Frame: Al, Impeller: PBT Thermoplastic3.5	4
Thermometer and Controller (Qualitrol)	118 ETM	AC120/220 OSP-0332 3.0	4
Thermometer and Controller (Precimeasure)	2242	AC120/220 BY: Timothy Piland 0 4.4	4
		PULA BUILDING COR	

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#### 1900565-CR-001-R3

Manu	facturer: Rex Power Magnet	ics						
Model	Line: Dry Type Single & 3	3 Phase Power Transf	ormers					
υυτ	Unit Description (Type-Size-NEMA)	Report Number (UUT #)	Testing Lab	Year Tested	ISO 17025 Accredited?	<b>S</b> <sub>DS</sub>	z/h	I <sub>P</sub>
1	SC007F-C1 (7.5 kVA) (Type A - Size 4 - NEMA 1)	2012-0471-TR-001, Rev.00 (UUT1)	ERDC-CERL	2013	No <sup>1</sup>	2.50	1.0	1.5
2	BA75J-M/S1/Z (75 kVA) (Type A - Size 7 - NEMA 3R)	2012-0471-TR-001, Rev.00 (UUT2)	ERDC-CERL	2013	No <sup>1</sup>	2.50	1.0	1.5
3	SA25-J-K (25 kVA) (Type B - Size 8 - NEMA 3R)	2012-0471-TR-001, Rev.00 (UUT3)	ODE ERDC-CERL	2013	No <sup>1</sup>	2.50	1.0	1.5
4	BC6000X-X/X (6000 kVA) (Type C - Size 22 - NEMA 1)	2012-0471-TR-001, Rev.00 (UUT4)	erdc-cerl P-0332	2013	No <sup>1</sup>	2.10	1.0	1.5
5	SC55X-CX (55 kVA) (Type B - Size 9 - NEMA 3 <mark>R)</mark>	2012-0471-TR-001, Rev.00 imot (UUT5)		2013	No <sup>1</sup>	2.50	1.0	1.5
6	BC75J-M/Z3 (75 kVA) (Type A - Size 7 - NEMA 3R)	190 <mark>0565-TR-001 1</mark> (UUT6)	Pacific Earthquake Engineering Research Center (PEER)	2022	Yes	2.10	1.0	1.5
7	BC1000U-Q/C&C/X/Z3 (1000 kVA) (Type B - Size 12 - NEMA 3R)	1900565-TR-001 (UUT7)	Pacific Earthquake Engineering Research Center (PEER)	2022	Yes	2.10	1.0	1.5
8	BC1500U-P/E1/Z3 (1500 kVA) (Type C - Size 13 - NEMA 1)	1900565-TR-002 (UUT8)	Structural & Earthquake Engineering & Simulation Laboratory (SEESL)	2022	Yes	2.05	1.0	1.5
Notes	:		<u> </u>			<u> </u>		

**1.** ERDC-CERL was not ISO 17025 accredited at the time of testing but has been reviewed by TRU Compliance and found to meet the requirements for ICC-ES AC156 testing. Review form is on file with TRU Compliance.



Manufacturer:	Rex Power Magnetics								
Model Line:	Dry Type Single & 3 Pho	ase Power Transf	ormers				L	JUT	1
Model Number:	SC007F-C1 (7.5 kVA)								_
Serial Number:	N/A		Test Re	port:	2012-04	71-TR-00	1, Rev.00	(UUT1)	
		UUT	Properties						
Weight		Dimension (in)			Lowes	t Natural	Freque	ncy (Hz)	
(lbs.)	Depth	Width	Height	Front	t-Back	Side	-Side	Ver	tical
110	13.6	18.5	15.5	20	).90	30	.50	>33	3.33
	UU	T Highest Passed	l Seismic Run Inf	ormatio	n				
Building Code	Test C	riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022	ICC-ES	ACIES OR C	2.50	1.0	1.5	4.00	3.00	1.67	0.67
CBC 2022	ICC-ES	ACIS	2.50	0.0	1.5	4.00	5.00	1.07	0.07
<b>Product Construction</b>	Summary:		Test Mounting	Details:					
Enclosure Size 4 - Type					-				
NEMA 1 type enclosure	, ventilated, mild carb	on steel sheet			A PI	-	San Standa	1111111	
metal	2	OSF	P-0332		2:	- W			
				E	1.				
Options/Subcompone	ent Summa <mark>ry:</mark>	<b>BY:</b> Timoth	y Piland	1 - S					
Description	Part Nui				5	01-			
Copper barrel wound co	oil (Type S	DATE: 1	2/08/2023	10	·		9		
					Ň		K		
				- n	2/	0	R		
	NO.				1-00	10	VE	03	
					100	10		N	
		ARIT	DING	2			Variation of the second		
		2011	DING	TE					
				15	2	THE SECTION			
				V			8		
				-	-	-			
					-	-			
					2			No.	
					(mus		The	~	
				-		NR. ALAMA DE MATERIA (MARCHA)	V-		
				A		*********	E.		
				and the second	Contraction of the second		7	1. Carlos	
			UUT1 was base n	nounted -	rigid to	the test fi	cture usir	ng a total	of four
			(4) 5/8" Grade 5 k		-		cure usii	-5 a total	UT IOUI
			Unit maintained				ained fur	nctional p	ber
			manufacturer red	quiremen	t after sh	ake table	test. Con		
			included in testir	ng per ope	erating c	onditions			

#### 1900565-CR-001-R3



Manufacturer:	Rex Power Magnetics								
Model Line:	Dry Type Single & 3 Ph	ase Power Transf	ormers				L	JUT	2
Model Number:	BA75J-M/S1/Z (75 kVA,	)							
Serial Number:	N/A		Test Re	port:	2012-04	71-TR-00	1, Rev.00	(UUT2)	
		UUT	Properties						
Weight		Dimension (in)			Lowest	t Natural	Freque	ncy (Hz)	
(lbs.)	Depth	Width	Height	Front	t-Back	Side	-Side	Ver	tical
540	19.3	27.4	31.5	5.	.90	6.	50	>3	3.33
	UU	IT Highest Passed	l Seismic Run Inf	ormatio	n				
Building Code	Test C	Criteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022		AC156 OR C	2.50	1.0	1 5	4.00	3.00	1.67	0.67
CDC 2022	ICC-ES	SAC156	2.50	0.0	1.5	4.00	3.00	1.07	0.07
<b>Product Construction</b>	Summary:		Test Mounting I	Details:					
Enclosure Size 7 - Type				16	-	in the second			
NEMA 3R type enclosu	re, ventilated, <mark>mild c</mark> a	rbon steel sheet		PERSONAL D	2		MM		
metal	4	OSF	2-0332		2		111/		
				Carrier II		-			
Options/Subcompone	ent Summa <mark>ry:</mark>	<b>BY</b> : Timoth	v Piland						
Description	Part Nu	mber							
Aluminum disc wound o	coil Type B	DATE: 1	2/08/2023		~.		18		
(Rex Power)	Турев	DAIE. 14			$\dot{\mathbf{v}}$	E.	•		
				5	2				
				4	an a		5		
		P		Vo.		-			
		APUT	DING						
		DUI	DINC	The state			ALC: NO PORT		
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				-				-	
				7 -			1.	1-	
				7.8					
			10.0						
			10				-		
				fr it	100		-	6	
				L			-		
						T	7.80		
			1 II IT 2	التقيينية	ا. ا			- (- / -	1/2"
			UUT2 was base m Grade 5 bolts and		-	the test fi	xture usir	ig tour (4	) 1/2"
			Unit maintained			v and rem	ained fur	nctional	ber
			manufacturer rec						
			included in testin	-					

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<b>Manufacturer:</b> Re	x Power Magnetics										
	y Type Single & 3 Pha	ise Power Transi	formers				l (	JUT	3		
	25-J-K (25 kVA)								•		
Serial Number: N/	A		Test Rep	oort:	2012-0	471-TR-00	1, Rev.00	) (UUT3)			
		דטט	Properties								
Weight		Dimension (in)			Lowes	t Natura	al Frequency (Hz)				
(lbs.)	Depth	Width	Height	Front	-Back	Side	-Side	Ver	tical		
450	29.8	30.8	31.8	25	.30	8.	8.70		3.33		
	UUI	T Highest Passe	d Seismic Run Info	ormatio	า						
Building Code	Test Cr	iteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)		
CDC 2022	ICC-ES AC156 OR C		2.50	1.0	1.5	4.00	2.00	1.07	0.07		
CBC 2022	ICC-ES.	AC136	2.50	0.0	1.5	4.00	3.00	1.67	0.67		
Product Construction S	ummary:		Test Mounting	etails:		-					
Enclosure Size 8 - Type B	-										
NEMA 3R type enclosure,	ventilated, mild carl	oon steel sheet	<u>,</u>		Tr.						
metal	4	OSI	P-03 <b>32</b>	Notes (	21	-					
					11.						
<b>Options/Subcomponent</b>	: Summa <mark>ry:</mark>	<b>BY</b> Timotl	y Piland				*	N			
Description	Part Nun							1			
Aluminum disc wound coi	I Type S		2/08/2023		<u>.</u>	-	1.0000 C				
Aluminum disc wound con	i Type 3	DAIE. I	210012023		$\overline{\mathbf{v}}$			-			
					5			and the second			
				L			V.S.	-			
				$\mathcal{O}'$							
		ADU	DINGC				-1	No.			
		· DUI	DIM	8	4		0	+.			
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			The second second	and the				a se			
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			<u></u>					1			
			3-								
			24				1	and the second second	T		
				1. 8. 6 2 1 4	a series the		40 + 19 S				
			UUT3 was base m		-	the test fi	xture usi	ng tour (4	) 1/2"		
			Grade 5 bolts and Unit maintained s			ty and rom	nained fu	nctional	hor		
			manufacturer req		-	-					
			included in testin								

#### 1900565-CR-001-R3



Manufacturer: R	ex Power Ma	ignetics										
	Dry Type Single & 3 Phase Power Transformers							UUT 4				
Model Number: E	BC6000X-X/X (	(6000 kVA)								•		
Serial Number: N	I/A			Test Re	port:	2012-04	471-TR-00	1, Rev.00	(UUT4)			
			UUT	Properties								
Weight			Dimension (in)			Lowes	t Natura	Frequency (Hz)				
(lbs.)	De	pth	Width	Height	Front	-Back Side		-Side	ide Verti			
26,500	72	2.0	150.0	124.0	8.	20	2.	.10	17	.50		
		UUT	Highest Passe	d Seismic Run Inf	ormation	า						
Building Code		Test Cri	teria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)		
CDC 2022			CIECOR (	2.10	1.0	1.5	2.20	2.52	1 40	0.50		
CBC 2022		ICC-ES A	10156	2.10	0.0	1.5	3.36	2.52	1.40	0.56		
Product Construction	Summary:			Test Mounting	Details:							
Enclosure Size 22 - Type NEMA 1 type enclosure, Transformer windings a carbon structural steel f	ventilated, r re supported	d on their	own mildOS									
Options/Subcompone	nt Summa <mark>ry</mark>	·	BY: Timot	y Piland		0-	•		2417			
Description		Part Num	ber									
Copper disc winding with (Rex Power)	h shield	Туре В	DATE: 1	2/08/2023		21-						
Aluminum barrel windin (Rex Power)	g	Туре В										
Copper cast winding (Rex Power)		Type B	VIA		Q	T						
200mm (~8") cooling far (YAHOA Electric Fans)	ו	G20060HA	A1-B-C				. (					
280mm (~11") cooling fa (YAHOA Electric Fans)	n	TG28080F	IA1 BL-C			Anny in		References	C			
Digital thermometer wit (Precimeasure)	h controller	118 ETM			0	11		0				
Digital thermometer wit (Qualitrol)	h controller	2242		the second	0		il					
					ni/	10	3I	1. T. J				
				UUT4 was base n Grade 5 bolts for transformer asse Unit maintained manufacturer rec	the enclo mbly. structura	osure and l integrit	d twelve (: y and rem	12) 1" Gra nained fui	ade 5 bolt nctional p	s for the per		
				included in testin	•							

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#### 1900565-CR-001-R3



Manufacturer:	Rex Power Mo	nanetics										
Model Line:	Dry Type Single & 3 Phase Power Transformers							UUT 5				
Model Number:	SC55X-CX (55											
Serial Number:	N/A	,		Test Rep	oort:	2012-04	471-TR-00	1, Rev.00	(UUT5)			
			UUT	Properties								
Weight		C	Dimension (in)			Lowes	t Natura	Freque	ncy (Hz)			
(lbs.)	De	pth	Width	Height	Front	-Back	Side	-Side	Side Verti			
680	38	3.0	40.0	44.3	9.	40	18.40		>33	3.33		
		UUT	Highest Passed	l Seismic Run Info	ormation	ı						
Building Cod	e	Test Cri	teria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g		
CDC 2022			CITCOR C	2.50	1.0	1 5	4.00	2.00	1.07	0.07		
CBC 2022		ICC-ES A	0156	2.50	0.0	1.5	4.00	3.00	1.67	0.67		
Product Construct	ion Summary:	1F		Test Mounting D	Details:					-		
metal. Transformer carbon structural st <b>Options/Subcomp</b>	eel frame, separ	ate from th	ne enclosure.	y Piland		E				1		
Description		Part Num	ber						-	-		
(Rex Power)		TOR	VIA BUI	DINGE			10		-	L		
							3					
				UUT5 was base m Grade 5 bolts and Unit maintained s manufacturer req included in testin	washers structura uirement g per ope	i. l integrit t after sl erating c	ty and rem nake table	ained fur test. Con	nctional p itents we	oer re		

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Manufacturer: Rex	Power Magnetics											
Model Line: Dry	Type Single & 3 Ph	ase Power Tran	sformers				Ι ι	JUT	6			
Model Number: BC	75J-M/Z3 (75 kVA)								-			
Serial Number: L21			Test Re	port:	190056	5-TR-001	(UUT6)					
		UU	T Properties									
Weight		Dimension (in	)		Lowes	t Natura	l Frequei	Frequency (Hz) Side Vertica				
(lbs.)	Depth	Width	Height	Fron	t-Back	Side	-Side	Ver	tical			
639	21.9	24.5	36.0	11	L.90	9.	.11	13	.43			
	UL	IT Highest Passo	ed Seismic Run Inf	ormatio	n	•						
Building Code	Test C	Criteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)			
CDC 2022	166 56	ACTECOR	2.10	1.0	1.5	2.20	2.52	1 40	0.50			
CBC 2022	ICC-ES	AC156	2.10	0.0	1.5	3.36	2.52	1.40	0.56			
<b>Product Construction Su</b>	mmary:		Test Mounting	Details:	-	•	-		•			
Enclosure Size 7 - Type A -	.4											
NEMA 3R type enclosure, v	entilated, carbon	steel sheet			2							
metal.	4	OS	P-0332		GL	N						
					102	T			20			
<b>Options/Subcomponent</b>	Summa <mark>ry:</mark>	<b>BV</b> · Timo	by Piland		At	5-14-2						
Description	Part Nu				-1/2		-					
Three (3) cores, all with cop	oper Torse D	DATE.	0/00/2022				FIS-					
windings	Type B	DATE:	2/00/2023									
						RU						
						6	/-	· 22/2				
		P. MINI		OV		V	- /					
		IA D						S				
		, BU		Cita R	-).	Y	· Ir					
			•		-							
			• •	61			0	· 10				
					1.0		•	• 1	-			
			-	L		0	7.		1			
							1					
			_									
			_									
			UUT6 was base n	nounted	- rigid to	the test fi	xture usir	ng four (4	) 3/8"			
			Grade 8 bolts and		-							
			Unit maintained		-							
			manufacturer rec	•				tents we	re			
			included in testir	ng per op	erating c	onditions	•					

#### 1900565-CR-001-R3



Manufacturer: R	ex Power Magnetics								
Model Line: D	ory Type Single & 3 Ph	ase Power Trans	formers				l	JUT	7
Model Number: B	C1000U-Q/C&C/X/Z3	(1000 kVA)							
Serial Number: J.	54383		Test Re	port: 1	900565	5-TR-001	(UUT7)		
		UUT	T Properties						
Weight		Dimension (in)		L	.owest	Natural	Freque	ncy (Hz)	
(lbs.)	Depth	Width	Height	Front-E	Back	Side	-Side	Ver	tical
6,744	56.0	72.9	79.8	6.12	2	5.	32	5.	05
	UU	T Highest Passe	d Seismic Run Inf	formation				-	-
Building Code	Test C	riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022		AC156 OR	002.10	1.0	1.5	3.36	2.52	1.40	0.56
		Me130	2.10-0	0.0	1.5	5.50	2.52	1.40	0.50
Product Construction S	-		Test Mounting	Details:					
Enclosure Size 12 - Type				IN FRAIN		i de la come			
NEMA 3R type enclosure	e, ventilated, carbon	steel sheet		1 Hz		j I			
metal.	4	OS	P-0332	ALL					
	4					-	Jan The state		
<b>Options/Subcomponer</b>	nt Summa <mark>ry:</mark>	<b>BV</b> · Timot	hy Brand	Alar pr					
Description	Part Nu	mber			10	n I I	12. L	A	
Three (3) cores, all with c	opper and	DATE. 4				-166	1-0-	TAK	
aluminum windings.	Type B	DAIE: 1	2/08/2023	,	V			PH	+1
<u> </u>				6					-
				V				2	
	Ó			1/1/					
		PNIA RUI		V					TIM
		APUT	TNIG			line.		- th	
		DUI					Ľ	ANT	
									ET.
			P Stail				15		
							1	1	
									12
							2/		-
							1/2 and		Ser .
			a la	in the	V				
					A.	is /r-			
					· · /	4		6.00	
			-						
			UUT7 was base r	nounted - ri	gid to t	he test fi	xture usir	ng four (4	) 7/8"
			Grade 8 bolts an		-				-
			Unit maintained	structural ir	ntegrity	/ and rem	ained fur	nctional p	ber
			manufacturer re						
			included in testi	-					

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Manufacturer:	Rex Power Magnetics										
Model Line:	Dry Type Single & 3 Ph	ase Power Trans	formers				l 1	JUT	8		
Model Number:	BC1500U-P/E1/Z3 (150								U		
Serial Number:	D22	,	Test Re	port:	190056	5-TR-002	(UUT8)				
		UU	T Properties								
Weight		Dimension (in	)		Lowes	t Natura	l Frequency (Hz)				
(lbs.)	Depth	Width	Height	Front	-Back	Side	Side-Side		tical		
11,100	48.0	80.0	91.5	13	.77	14	14.38		.65		
	UU	T Highest Passe	ed Seismic Run Inf	ormatior	ו						
Building Cod	e Test C	riteria	S <sub>DS</sub> (g)	z/h	Ι <sub>Ρ</sub>	A <sub>FLX-H</sub> (g)	А <sub>rig-н</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)		
CBC 2022	ICC-ES	AC156 OR	2.05	1.0	1.5	3.28	2.46	1.37	0.55		
Product Construct	ion Summary:		Test Mounting	1							
Enclosure Size 13 - 1											
structural steel fram	gs are supported on thei ne, separate from the enc										
Options/Subcompo		BY: Timot	by Pland								
<b>Description</b> Three (3) cores, all w	Part Nu	mber							10		
windings.	Type B	PNIA BUI									
			UUT8 was base m Grade 8 bolts wit Grade 8 bolts wit Unit maintained s manufacturer rec included in testin	h flat was h flat was structura quiremen	hers for hers for integrit after sh	the enclo the trans y and rem take table	sure and former co nained fur test. Cor	twelve (1 ore. nctional p	.2) 7/8" Der		