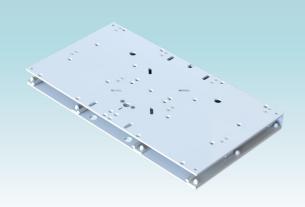


## PRODUCT SPECIFICATION

## **ADJUSTABLE SEAT SLIDE KIT - M20-2413E**



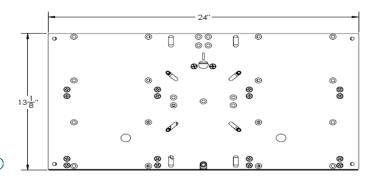




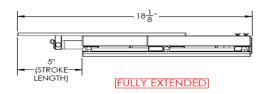
Introducing a fully electric Low Profile
Adjustable Seat Slide! Perfect for seats
and benches 29" to 40" wide, this 13-1/8"
X 24" electric seat slide travels up to 5"
and can be stopped anywhere between
its fully extended and retracted positions.
M20-2413E is available to boat builders
only. Contact your TACO Sales or Customer
Service Representative for more information.

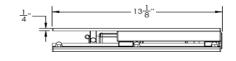
## FEATURES & BENEFITS

- Meets ABYC seat slide standards (300lb pull loading H31.7.4)
- Additional testing includes ABYC standards for seats (400lbs dynamic, static and deflection loading H31.9.2.2, H31.9.2.2.2, H31.9.2.1.1, H31.9.2.1.2)
- Water-resistant IP66 rating
- Precision-machined 6000-series aluminum chassis
- High-strength polymer glides provide selflubricated, rattle-free, smooth operation
- Secure fit with universal mounting bolt pattern on both pedestal and box applications
- Easy installation and detachment with modular mounting plate
- Electric Actuator
- Features a 5" spread
- Ideal for seats 29" to 40"
- 12V DC 9AMP power requirements
- Max load of 3500N
- Push and pull force of 1500N
- Made in the USA

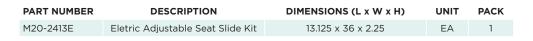








FULLY RETRACTED

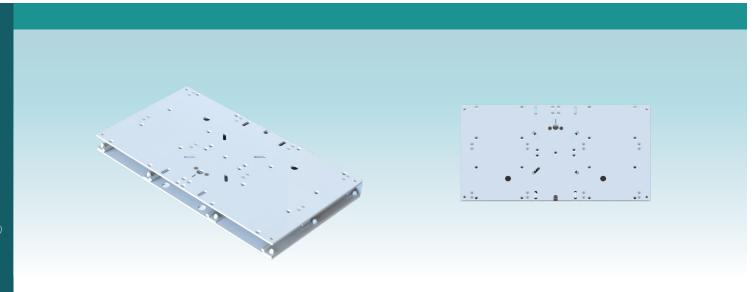








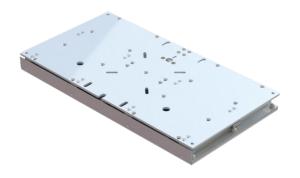
## **PRODUCT SPECIFICATION**

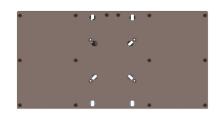


FRONT VIEW TOP VIEW



**SIDE VIEW** 





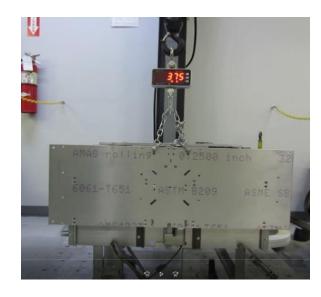
BACK VIEW BOTTOM VIEW



	Type A - Adjusta	ble Seat Slide Mecha	nism Test			
		H-31				
ABYC Standard:		Publication July 2015				
Section(s):	31.7.4 Corrected July 2017					
Tested By:	DANIEL DAVID					
Observed By:	KEVIN CUMMINGHAM					
Test Date:	7/28/2020					
Manufacturer:	TACO METALS					
Test Location:	TACO METALS SPARTA TN					
Model Tested:	M20-3613E					
Applicable Model(s):	M20-2413E					
Model Year(s):	2020					
Part(s) Tested:	TESTED THE WHOLE SEAT SLIDE MECHANISIM.					
Part(s) Tested:						
Performance	Seats with a fore and aft adjustr		•	· ·		
Requirement	of movement when subjected to a static load of 300 pounds (136 kg) for five minutes while in its mid position					
Section(s):	Manually operated locking mechanisms shall be hand tight during this test.					
31.7.4	Test Description (enter test method applied):					
	TESTED M20-3613E IN THE MID MINUTES USING THE LAB HOIST PLANE OF MOVEMENT DURING	, CRANE AND WORK HOLD	ING STATION. M20-3613	E DID NOT MOVE IN ITS		
# of P	arts Tested: 1 Rec	. Test Load: 300 lbs	Req. Test Duration:	5 minutes		
·		oad Applied: 375	Actual Test Duration:	5		
Test Equipment Used:						
De	scription	Model	Cal	libration Due Date		
LAB HOIST		TACO-00010		NA		
MILWAUKEE	OVERHEAD CRANE	9637		NA		
	TROLLY	JET 1-HDT		NA		
KLAUS CRANE SCALE		OCS-S1		NA		
WORK H	HOLDING BASE	NA		NA		
CLAMI	PS/CHAINES/	NA		NA		
Data, Observations, Results	: (tables, photos may be inserted)					
Status Legend	YES = compliance confirmed	NO = corrective action	n required	Status:		
Mechanism did not move in minutes.	its plane of movement when sub	jected to a static load of 30	00 pounds for five	YES		
W.						







			Seat Assembly Stru	ctural Tests	3		
ABYC Standard: Section(s):			H-31 Seat Structi 31.9	ıres			Publication July 201 Corrected July 201
, ,	DANIEL DAVID	<u> </u>					
	KEVIN CUMM	INGHAN					
Test Date:	7/10/2020						
Manufacturer:	TACO METALS	5					
Test Location:	TACO METALS	SPARTA	TN				
Model Tested:	M20-3613E						
Applicable Model(s):	M20-2413E						
Model Year(s):	2020						
Part(s) Tested:	TESTED THE W	VHOLE SE	AT SLIDE MECHANISIM.				
Part(s) Tested:							
Section(s):	Test Description:  Type A and B seat back assemblies shall withstand, without loss of function, a force applied to the seat back ±10 d from normal face of forward seat cushion as shown in Figure 1. The force is to be applied to the seat back at a height inches (407 mm) from the top of the seat base to the vertical location on the seat back. For seat backs less than						
31.9.2.1.1	Test Description  Type A and B services from normal factors	on: seat back ace of fo	assemblies shall withstand	, without loss o n in Figure 1. Th	ne force is to	be applied to the s	seat back at a height
31.9.2.1.1	Type A and B s from normal fa 16 inches (407 inch (407 mm) seat back (ie: a seats, the force	seat back ace of for 7 mm) fro 9 height, a bar stoo e shall be	assemblies shall withstand ward seat cushion as show om the top of the seat base the force shall be applied as oi) the force shall be applied e applied simultaneously at	, without loss o n in Figure 1. Th to the vertical list close to the to I to the highest each seat locat	ne force is to ocation on the p of seat bac part of the sion (see Figure	be applied to the set seat back. For set k as possible. If the eat structure as pore 1).	seat back at a height lat backs less than 16 e seat does not have ssible. For multi-per
<b>31.9.2.1.1</b> # of Seat	Type A and B s from normal fa 16 inches (407 mm) seat back (ie: a seats, the force	seat back ace of for 7 mm) fro ) height, a bar stoo e shall be	assemblies shall withstand rward seat cushion as show om the top of the seat base the force shall be applied as oi) the force shall be applied e applied simultaneously at Req. Test Duration	, without loss on in Figure 1. The to the vertical less close to the to to the highest each seat locat	ne force is to ocation on th p of seat bac part of the so ion (see Figur Back An	be applied to the set seat back. For set is as possible. If the eat structure as pore 1).	seat back at a height eat backs less than 16 e seat does not have ssible. For multi-per 3 minutes
# of Seat Test Load Per Pos	Type A and B s from normal fa 16 inches (407 mm) seat back (ie: a seats, the force Positions:	on: seat back ace of for 7 mm) frc ) height, a bar stoo e shall be 2	assemblies shall withstand ward seat cushion as show om the top of the seat base the force shall be applied as ol) the force shall be applied applied simultaneously at Req. Test Duration Actual Test Duration	, without loss on in Figure 1. The to the vertical less close to the to the highest each seat locat  5 minutes 5	ne force is to ocation on th p of seat bac part of the so ion (see Figur Back An Facility 1	be applied to the some seat back. For seak as possible. If the eat structure as pore 1).  Ingle after Test:  Temp Req. (F°)	seat back at a height at backs less than 16 e seat does not have ssible. For multi-per 3 minutes 60-90
# of Seat Test Load Per Pos	Type A and B s from normal fa 16 inches (407 mm) seat back (ie: a seats, the force Positions:	seat back ace of for 7 mm) fro ) height, a bar stoo e shall be	assemblies shall withstand rward seat cushion as show om the top of the seat base the force shall be applied as oi) the force shall be applied e applied simultaneously at Req. Test Duration	, without loss on in Figure 1. The to the vertical less close to the to the highest each seat locat  5 minutes 5	ne force is to ocation on th p of seat bac part of the so ion (see Figur Back An Facility 1	be applied to the set seat back. For set is as possible. If the eat structure as pore 1).	seat back at a height eat backs less than 16 e seat does not have ssible. For multi-per 3 minutes
# of Seat Test Load Per Pos Total Test Load Ap t Equipment Used:	Test Description  Type A and B so from normal for 16 inches (407 inch (407 mm)) seat back (ie: asseats, the force the Positions: sition (lbf): plied (lbf):	on: seat back ace of for 7 mm) frc ) height, a bar stoo e shall be 2	assemblies shall withstand ward seat cushion as show om the top of the seat base the force shall be applied as ol) the force shall be applied applied simultaneously at Req. Test Duration Actual Test Duration	, without loss on in Figure 1. The to the vertical less close to the to to the highest each seat locat  5 minutes 5 103.6	ne force is to ocation on th p of seat bac part of the so ion (see Figur Back An Facility 1	be applied to the some seat back. For seak as possible. If the eat structure as pore 1).  Ingle after Test:  Temp Req. (F°)  Cility Temp (F°)	seat back at a height hat backs less than 16 eseat does not have ssible. For multi-personal minutes  60-90  72
# of Seat Test Load Per Pos Total Test Load Ap Equipment Used: Desc	Test Description  Type A and B so from normal far 16 inches (407 inch (407 mm)) seat back (ie: a seats, the force the Positions: sition (lbf): puplied (lbf): cription	on: seat back ace of for 7 mm) frc ) height, a bar stoo e shall be 2	assemblies shall withstand rward seat cushion as show om the top of the seat base the force shall be applied as oi) the force shall be applied applied simultaneously at Req. Test Duration Actual Test Duration Normal Seat Back Angle	, without loss on in Figure 1. The to the vertical less close to the to deto the highest each seat locat  5 minutes 5 103.6	ne force is to ocation on th p of seat bac part of the so ion (see Figur Back An Facility 1	be applied to the some seat back. For seak as possible. If the eat structure as pore 1).  Ingle after Test:  Temp Req. (F°)  Cility Temp (F°)	seat back at a height rat backs less than 16 e seat does not have ssible. For multi-per  3 minutes 60-90 72
# of Seat Test Load Per Pos Total Test Load Ap Equipment Used: Desc	Test Description  Type A and B so from normal fa 16 inches (407 inch (407 mm) seat back (ie: a seats, the force positions: sition (lbf): splied (lbf): cription  B HOIST	on: seat back ace of for mm) fro height, a bar stoo e shall be 2 158 316	assemblies shall withstand rward seat cushion as show om the top of the seat base the force shall be applied as oi) the force shall be applied applied simultaneously at Req. Test Duration Actual Test Duration Normal Seat Back Angle	, without loss on in Figure 1. The to the vertical less close to the to to the highest each seat locat  5 minutes 5 103.6	ne force is to ocation on th p of seat bac part of the so ion (see Figur Back An Facility 1	be applied to the some seat back. For seak as possible. If the eat structure as pore 1).  Ingle after Test:  Temp Req. (F°)  Cility Temp (F°)	seat back at a height eat backs less than 16 e seat does not have essible. For multi-per  3 minutes 60-90 72  tion Due Date NA
# of Seat Test Load Per Post Total Test Load Apt Equipment Used: Description LAB MILWAUKEE C	Test Description  Type A and B so from normal fa 16 inches (407 inch (407 mm) seat back (ie: a seats, the force positions: sition (lbf): splied (lbf): cription  B HOIST	on: seat back ace of for mm) fro height, a bar stoo e shall be 2 158 316	assemblies shall withstand rward seat cushion as show om the top of the seat base the force shall be applied as oil) the force shall be applied a applied simultaneously at Req. Test Duration Actual Test Duration Normal Seat Back Angle	, without loss on in Figure 1. The to the vertical less close to the to did to the highest each seat locat  5 minutes 5 103.6  Model ACO-00010	ne force is to ocation on th p of seat bac part of the so ion (see Figur Back An Facility 1	be applied to the some seat back. For seak as possible. If the eat structure as pore 1).  Ingle after Test:  Temp Req. (F°)  Cility Temp (F°)	seat back at a height rat backs less than 16 e seat does not have ssible. For multi-per  3 minutes 60-90 72
# of Seat Test Load Per Pos Total Test Load Ap t Equipment Used:  Desc LAB MILWAUKEE C	Test Description  Type A and B so from normal fa 16 inches (407 mm) seat back (ie: a seats, the force the Positions: sition (lbf): splied (lbf): cription a HOIST  DVERHEAD CRA	on: seat back ace of for mm) fro height, a bar stoo e shall be 2 158 316	assemblies shall withstand rward seat cushion as show om the top of the seat base the force shall be applied as oil) the force shall be applied a applied simultaneously at Req. Test Duration Actual Test Duration Normal Seat Back Angle	, without loss on in Figure 1. The to the vertical less close to the to detect to the highest each seat locat  5 minutes 5 103.6  Model ACO-00010 9637	ne force is to ocation on th p of seat bac part of the so ion (see Figur Back An Facility 1	be applied to the some seat back. For seak as possible. If the eat structure as pore 1).  Ingle after Test:  Temp Req. (F°)  Cility Temp (F°)	seat back at a height at backs less than 16 eseat does not have ssible. For multi-per 3 minutes 60-90 72 ction Due Date NA NA
# of Seat Test Load Per Pos Total Test Load Ap t Equipment Used:  Desc LAB MILWAUKEE C TR KLAUS CI	Test Description  Type A and B so from normal fa 16 inches (407 mm) seat back (ie: a seats, the force to Positions: sition (lbf): polied (lbf): cription so HOIST DVERHEAD CRAROLLY	on: seat back ace of for mm) fro height, a bar stoo e shall be 2 158 316	assemblies shall withstand rward seat cushion as show om the top of the seat base the force shall be applied as oil) the force shall be applied a applied simultaneously at Req. Test Duration Actual Test Duration Normal Seat Back Angle	, without loss on in Figure 1. The to the vertical less close to the to detect to the highest each seat locat  5 minutes 5 103.6  Model ACO-00010 9637 JET 1-HDT	ne force is to ocation on th p of seat bac part of the so ion (see Figur Back An Facility 1	be applied to the some seat back. For seak as possible. If the eat structure as pore 1).  Ingle after Test:  Temp Req. (F°)  Cility Temp (F°)	seat back at a height eat backs less than 16 e seat does not have essible. For multi-per  3 minutes 60-90 72  cion Due Date NA NA

LAB HOIST	TACO-00010	NA				
MILWAUKEE OVERHEAD CRANE	9637	NA				
TROLLY	JET 1-HDT	NA				
KLAUS CRANE SCALE	OCS-S1	NA				
WORK HOLDING BASE	NA	NA				
CLAMPS/PULLEYS/WIRE CABLE	NA	NA				
Data, Observations, Results: (tables, photos may be inserted)						

Status Legend: YES = compliance confirmed NO = corrective action required	Status:
During the test deformation of the seat assembly did not exceed 30 degrees.	YES
After the test, permanent deformation of the seat assembly shall not exceed 10 degrees normal to seat back cushion forward face.	YES
Seats equipped with a vertical adjustment tested with the seat in its maximum height position	NA

