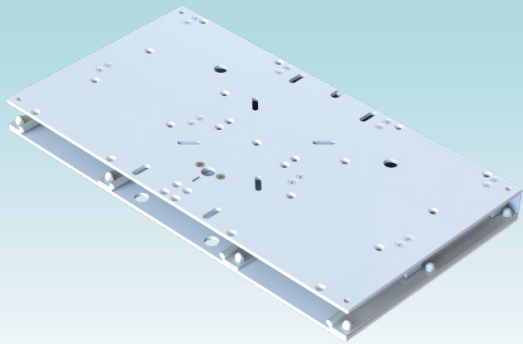




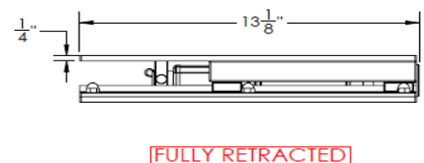
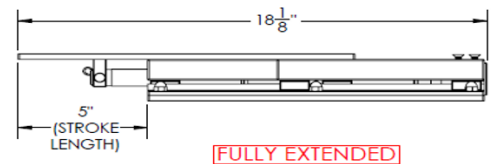
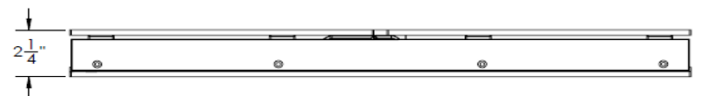
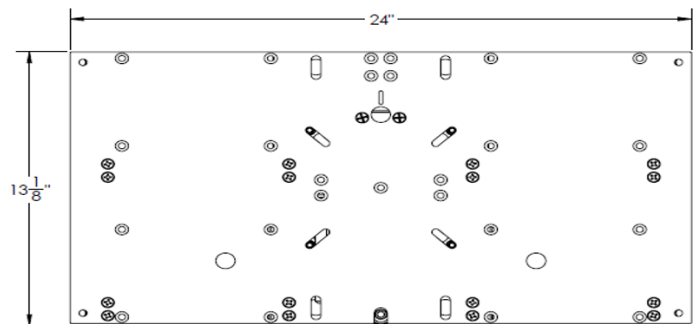
ADJUSTABLE SEAT SLIDE KIT - M20-2413E



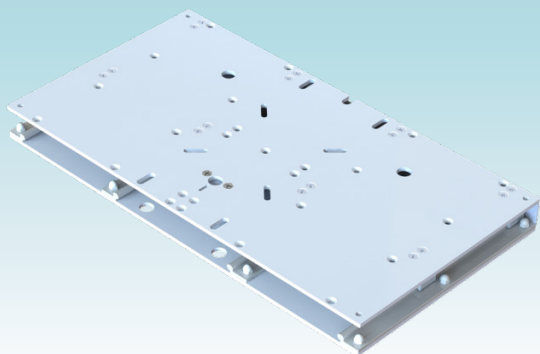
Introducing a fully electric Low Profile Adjustable Seat Slide! Perfect for seats and benches 29" to 40" wide, this 13-1/8" X 24" electric seat slide travels up to 5" and can be stopped anywhere between its fully extended and retracted positions. M20-2413E is available to boat builders only. Contact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



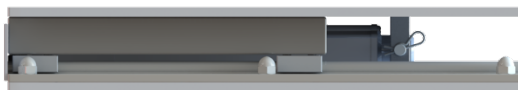
| PART NUMBER | DESCRIPTION | DIMENSIONS (L x W x H) | UNIT | PACK |
|-------------|------------------------------------|------------------------|------|------|
| M20-2413E | Electric Adjustable Seat Slide Kit | 13.125 x 36 x 2.25 | EA | 1 |



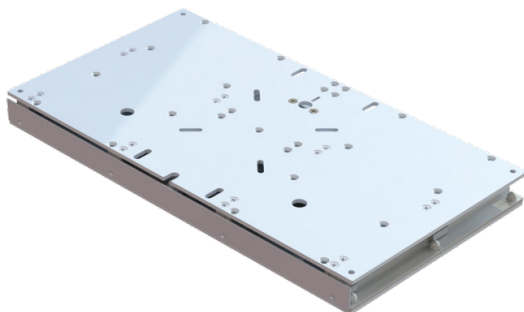
FRONT VIEW



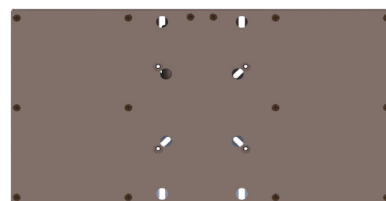
TOP VIEW



SIDE VIEW



BACK VIEW



BOTTOM VIEW

Type A - Adjustable Seat Slide Mechanism Test

| | | |
|---------------------------------------|--|--|
| ABYC Standard: Section(s): | H-31 <i>Seat Structures</i> 31.7.4 | Publication July 2015 Corrected July 2017 |
|---------------------------------------|--|--|

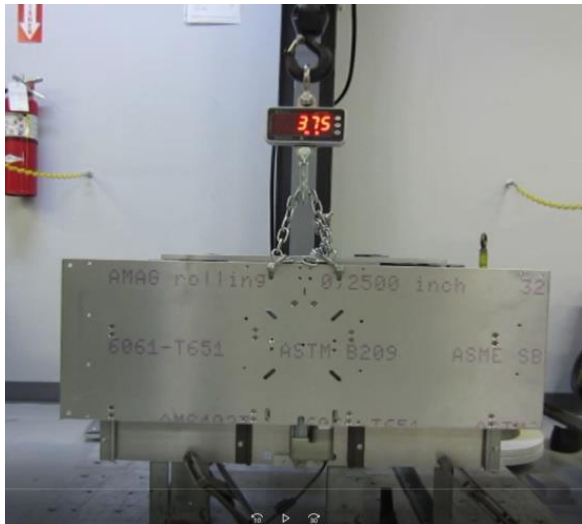
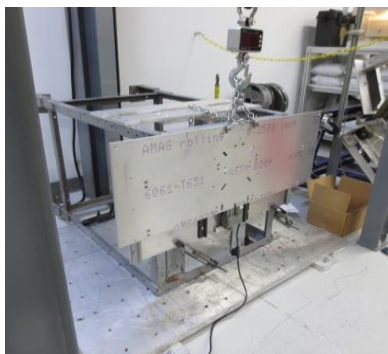
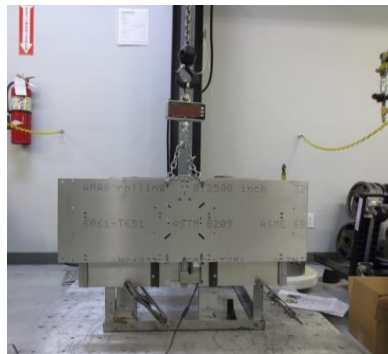
| | |
|----------------------|--|
| Tested By: | DANIEL DAVID |
| Observed By: | KEVIN CUMMINGHAM |
| Test Date: | 7/28/2020 |
| Manufacturer: | TACO METALS |
| Test Location: | TACO METALS SPARTA TN |
| Model Tested: | M20-3613E |
| Applicable Model(s): | M20-2413E |
| Model Year(s): | 2020 |
| Part(s) Tested: | TESTED THE WHOLE SEAT SLIDE MECHANISIM. |
| Part(s) Tested: | |

| | |
|--|--|
| Performance Requirement Section(s): 31.7.4 | Seats with a fore and aft adjustment feature shall have a locking mechanism which will not move in its plane of movement when subjected to a static load of 300 pounds (136 kg) for five minutes while in its mid position. Manually operated locking mechanisms shall be hand tight during this test. |
| | Test Description (enter test method applied): |
| | TESTED M20-3613E IN THE MID LOCKING POSITION BY APPLYING A LOAD OF 375 LBS VERTICAL PULL FOR 5 MINUTES USING THE LAB HOIST, CRANE AND WORK HOLDING STATION. M20-3613E DID NOT MOVE IN ITS PLANE OF MOVEMENT DURING THE TEST. PERFORMED WELL ABOVE THE LOAD REQUIREMENT. |


| | | | | | |
|-------------------------------------|----------|--------------------|----------------|-----------------------|------------------|
| # of Parts Tested: | 1 | Req. Test Load: | 300 lbs | Req. Test Duration: | 5 minutes |
| # of Tests / Test Cycles Completed: | 1 | Test Load Applied: | 375 | Actual Test Duration: | 5 |

| Test Equipment Used: | | |
|--------------------------|------------|----------------------|
| Description | Model | Calibration Due Date |
| 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/CHAINES/ | NA | NA |

| | | |
|---|--|----------------|
| Data, Observations, Results: (tables, photos may be inserted) | | |
| Status Legend: YES = compliance confirmed NO = corrective action required | | Status: |
| Mechanism did not move in its plane of movement when subjected to a static load of 300 pounds for five minutes. | | YES |



Seat Assembly Structural Tests

| | | |
|--|---|--|
| ABYC Standard: Section(s): | H-31 <i>Seat Structures</i> 31.9 | Publication July 2015 Corrected July 2017 |
| Tested By: | DANIEL DAVID | |
| Observed By: | KEVIN CUMMINGHAM | |
| Test Date: | 7/10/2020 | |
| 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 Requirement Section(s): 31.9.2.1.1 | Test Load 1 – A load of 150 lbf (668 N) shall be applied to the seat back for 5 minutes. During the test deformation of the seat assembly shall not exceed 30 degrees. After the test, permanent deformation of the seat assembly shall not exceed 10 degrees normal to seat back cushion forward face. | |
| | Test Description: Type A and B seat back assemblies shall withstand, without loss of function, a force applied to the seat back ± 10 degrees 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 of 16 inches (407 mm) from the top of the seat base to the vertical location on the seat back. For seat backs less than 16 inch (407 mm) height, the force shall be applied as close to the top of seat back as possible. If the seat does not have a seat back (ie: a bar stool) the force shall be applied to the highest part of the seat structure as possible. For multi-person seats, the force shall be applied simultaneously at each seat location (see Figure 1). | |
| # of Seat Positions: | 2 | Req. Test Duration: 5 minutes |
| Test Load Per Position (lbf): | 158 | Actual Test Duration: 5 |
| Total Test Load Applied (lbf): | 316 | Normal Seat Back Angle: 103.6 |
| | | Back Angle after Test: 3 minutes |
| | | Facility Temp Req. (F°): 60-90 |
| | | Actual Facility Temp (F°): 72 |
| Test Equipment Used: | | |
| Description | Model | Calibration Due Date |
| 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) | | |
| <u>Status Legend:</u> 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 | |
|  | | |