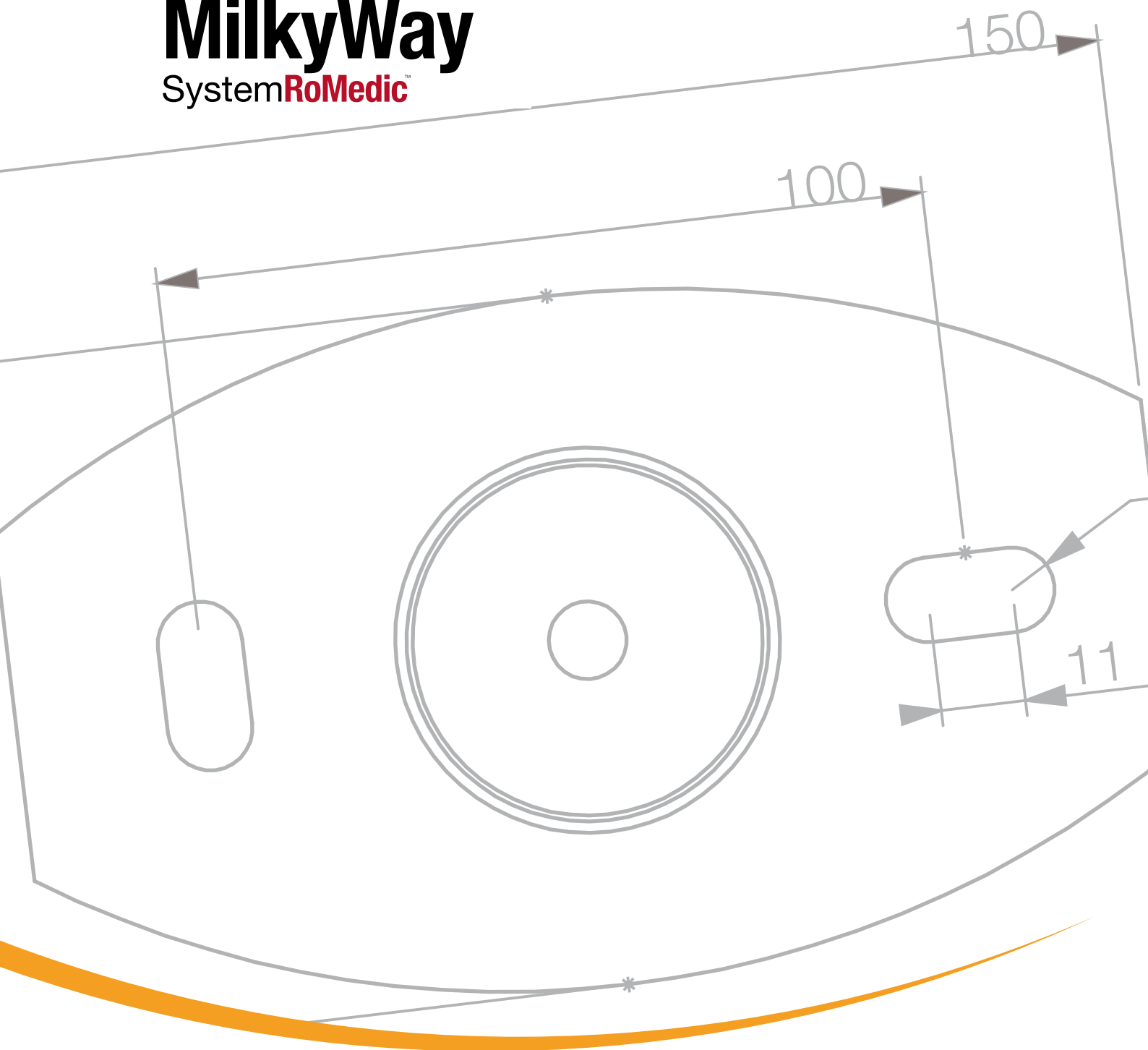


MilkyWay

SystemRoMedic™



Technical information and article list

August 2014



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Introduction

Handicare's SystemRoMedic™ MilkyWay is a complete, ingeniously simple and safe rail system for permanent installation on the ceiling and/or on the walls. Each MilkyWay rail system is individually designed in close cooperation with the customer, allowing for adaptation to specific conditions and for meeting of specific requirements. Together with an optional choice of ceiling lift unit and the appropriate lifting accessories, MilkyWay offers unlimited possibilities for design and adaptation of the perfect stationary lifting solution for all settings, rooms and lifting needs.

All the parts you need, nothing else

MilkyWay is a complete rail system that includes all the parts necessary for creating individually adapted, safe and flexible solutions, but, for the sake of simplicity, nothing else. For example:

- Straight rails in three profiles and several lengths, prepared for in-rail charging
- Rail curves in 15°, 22.5°, 45° and 90° variants, prepared for in-rail charging
- Switches; shunting rails, turntables and transition gates
- Ceiling brackets and adjustable pendants for ceilings of different heights and structures
- Wall fixtures for free bearing rail systems and for different wall structures and materials
- Accessories; traverse trolleys, power supply etc, and installation equipment

A complete article list can be found at the back of this material.



Material and surface coating

MilkyWay straight rails and rail curves are made of powder-coated aluminium while all fixtures; brackets, pendants etc are made of powder-coated steel. All powder-coated MilkyWay parts are white (RAL 9010). At an additional charge, they can also be supplied in various other colours or with a bare metal finish.

Easy to install

MilkyWay offers flexibility in every detail. This allows for a comprehensive range of alternative system designs as well as for easy installation.



MilkyWay rail systems must be designed, assembled, installed and inspected by qualified and authorized personnel and in accordance with the "MilkyWay Installation check list" and other instructions issued by Handicare AB.

MilkyWay has been designed to meet the highest safety standards. The rail system should be inspected and assessed for safety at least once per year.



All MilkyWay products are CE-marked.

MilkyWay offers excellent value for money and a safe, simple and flexible long-term solution

- Simple, functional and safe
- Always in place and ready for use
- Very versatile, can be adapted to all settings, rooms and lifting needs
- Discreet and attractive design
- Requires a minimum of floor space
- Economic
- Very easy to install

Ceiling lift units and many accessories for safe, easy and individually adapted lifting of users in most transfer situations are available in the SystemRoMedic™ Lifting range.

For more information about MilkyWay; instructions for design and installation and step-by-step examples of different types of installations, please consult the "MilkyWay Handbook" document or contact your local Handicare and SystemRoMedic™ partner. All contact details can be found on our website, www.handicare.com.

Safety



MilkyWay rail systems must be designed, assembled, installed and inspected by qualified and authorized personnel according to instructions issued by Handicare AB. Only fixing elements approved by Handicare AB and suitable for the specific installation may be used.

Regional regulations, as well as the intended applications for different installations, may vary significantly. Before deciding on how to install the rails, it is important to determine the condition of both the ceiling, the walls and the floor.

Specific fixings for installation of the rails are not included and general recommendations cannot be made. All decisions on fixings and anchorage for a specific rail system must be made by the installer or the constructional engineer in charge. Should fixings be supplied, the installer is responsible for evaluation of their suitability for the application at hand.

Minimum requirements on ceilings

Apart from the required static strength, each attachment point in the ceiling construction must be rated to withstand a load of at least 2 times the rated load of the entire rail system. The construction of the ceiling must not be critically damaged by the ceiling lift unit being driven into the endstops. This can only be calculated by an engineer and/or the owner of the building. For more information; see 4: Point load recommendations.

Minimum requirements on walls

Apart from the required static strength, the walls must be rated to withstand a load of at least 2 times the rated load of the entire rail system. The construction of the walls must not be critically damaged by the ceiling lift unit being driven into the endstops. This can only be calculated by an engineer and/or the owner of the building.



Testing the rail system

All ceiling lift systems must be weight tested immediately after completion of the installation. Use of a lift system to lift and/or transfer any person prior to certification by weight testing is strictly prohibited.

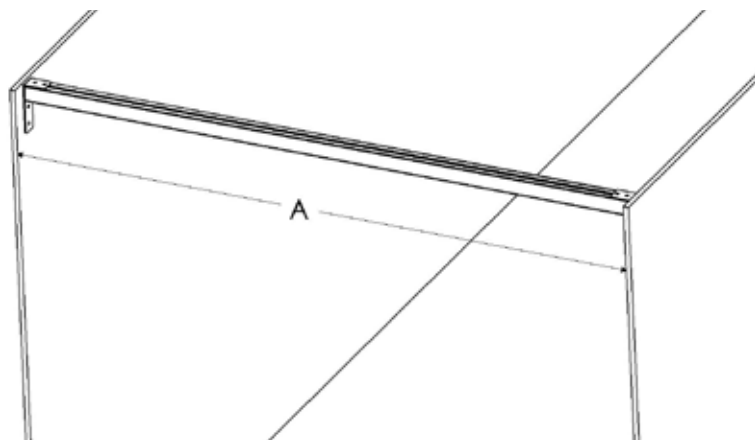
For more information; see 5: Weight testing procedure.



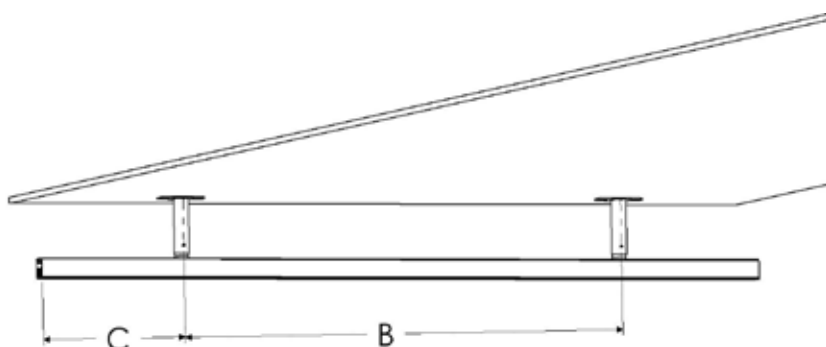
Safe working load

Different products on the same ceiling lift system (ceiling lift unit, sling bar, lifting sling, scales and other lifting accessories) may have different allowed safe working loads. The lowest allowed safe working load always determines the safe working load of the entire assembled system. Always check the safe working load for the ceiling lift unit and all lifting accessories before use. Contact your local Handicare and SystemRoMedic™ partner if you have any questions.

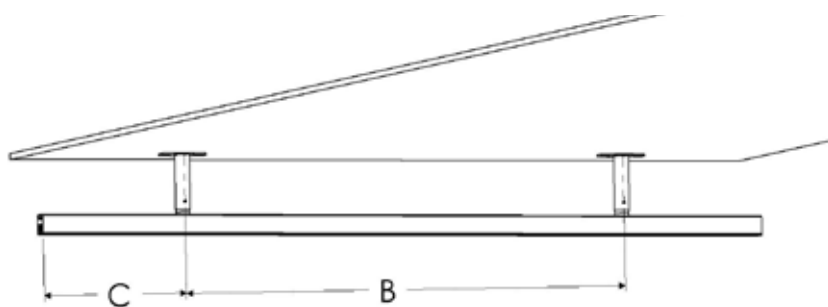
Span details



| Span (A) by rail | 230 kg / 507 lbs | 285 kg / 625 lbs |
|---|-----------------------|-----------------------|
| Maximum free span of single rail, Rail 64 | 2500 mm / 98 (inch.) | 1700 mm / 67 (inch.) |
| A Maximum free span of single rail, Rail 120 | 5000 mm / 196 (inch.) | 4000 mm / 157 (inch.) |
| Maximum free span of single rail, Rail 160 | 7000 mm / 275 (inch.) | 5000 mm / 196 (inch.) |



| Span (B) by fixation method | 230 kg / 507 lbs | 285 kg / 625 lbs |
|---|-----------------------|-----------------------|
| Maximum free span with ceiling bracket (wooden joists), Rail 64 | 1500 mm / 59 (inch.) | 1500 mm / 59 (inch.) |
| B Maximum free span with ceiling bracket (concrete), Rail 64 | 2500 mm / 98 (inch.) | 1700 mm / 67 (inch.) |
| Maximum free span with pendant, Rail 64 | 2500 mm / 98 (inch.) | 2000 mm / 78 (inch.) |
| Maximum free span with ceiling bracket (wooden joists), Rail 120 | 1500 mm / 59 (inch.) | 1500 mm / 59 (inch.) |
| B Maximum free span with ceiling bracket (concrete), Rail 120 | 5000 mm / 196 (inch.) | 4000 mm / 157 (inch.) |
| Maximum free span with pendant, Rail 120 | 5000 mm / 196 (inch.) | 4000 mm / 157 (inch.) |
| Maximum free span with ceiling bracket (wooden joists), Rail 160 | 1500 mm / 59 (inch.) | 1500 mm / 59 (inch.) |
| B Maximum free span with pendant (concrete), Rail 160 | 7000 mm / 275 (inch.) | 5000 mm / 196 (inch.) |
| Maximum free span with pendant (concrete), Rail 160 | 7000 mm / 275 (inch.) | 5000 mm / 196 (inch.) |

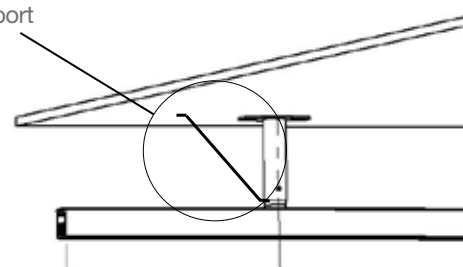


| Overhang (C) by rail | 230 kg / 507 lbs | 285 kg / 625 lbs |
|---|----------------------|---------------------|
| Maximum overhang for single rail, Rail 64 | 500 mm / 19 (inch.) | 300 mm / 11 (inch.) |
| Maximum overhang for single rail, Rail 120 | 1000 mm / 39 (inch.) | 500 mm / 19 (inch.) |
| Maximum overhang for single rail, Rail 160 | 1200 mm / 47 (inch.) | 600 mm / 23 (inch.) |

| Other dimensions | mm / inch. |
|--|----------------------|
| Maximum distance between end of rail and back of upright support | 12 mm / 0.47 (inch.) |

Lateral side supports are required when the vertical drop exceeds 500 mm/ 19 (inch.)

Side support



The rails must be installed observing maximum free span and overhang limits. It is also essential for the performance that deflection of the rails is avoided. The deflection for a fully loaded system must be less than 5 mm per running meter. Reduce the distance between fixing points to achieve this.

Point load recommendations

The load upon each attachment point (ceiling bracket/pendant) is considered “point load.”

The structure of building must be able to support the load imposed upon it at each attachment point.

Installation of a MilkyWay ceiling lift system requires that the existing structure, to which the rail system is attached, is able to withstand the loads imposed upon it by the ceiling lift system. Performance of structural check is the responsibility of others.

MilkyWay requires a two (2) times safety rating. Maximum point load for each support attachment point is based upon the maximum lifting capacity of the ceiling lift unit plus the estimated weight of ceiling lift equipment at support attachment point multiplied by a safety factor of two (2).

Standard system consists of a basic rail system or (x-y)/traverse system utilizing 1 ceiling lift unit.

Bariatric system consists of a basic rail system or (x-y)/traverse system utilizing 2 ceiling lift units.

Maximum lifting capacity: standard system

Standard system 230 – Maximum capacity – **230 kg / 507 lbs**

Standard system 285 – Maximum capacity – **285 kg / 625 lbs**

Maximum lifting capacity: bariatric system

Bariatric system 460 – Maximum capacity – **460 kg / 1014 lbs**

Bariatric system 570 – Maximum capacity – **570 kg / 1256 lbs**

Estimated weight of the ceiling lift system equipment (lift motor, rails, pendant/ceiling bracket, traverse carrier, etc.) at each support location for standard system is **27 kg / 59 lbs**.

Estimated weight of the ceiling lift system equipment (lift motors, rails, pendant/ceiling bracket, traverse carrier, etc.) at each support location for bariatric system is **45 kg / 99 lbs**.

Standard systems:

230 kg / 507 lbs:

$230 \text{ kg} + 27 \text{ kg} = \mathbf{257 \text{ kg} / 566 \text{ lbs}}$ working point load

$257 \text{ kg} \times 2 = \mathbf{514 \text{ kg} / 1133 \text{ lbs}}$ maximum point load

285 kg / 630 lbs:

$285 \text{ kg} + 27 \text{ kg} = \mathbf{312 \text{ kg} / 687 \text{ lbs}}$ working point load

$312 \text{ kg} \times 2 = \mathbf{624 \text{ kg} / 1375 \text{ lbs}}$ maximum point load

Bariatric systems:

230 kg / 507 lbs:

$(230 \text{ kg} \times 2) + 45 \text{ kg} = \mathbf{505 \text{ kg} / 1113 \text{ lbs}}$ working point load

$505 \text{ kg} \times 2 = \mathbf{1010 \text{ kg} / 2226 \text{ lbs}}$ maximum point load

285 kg / 630 lbs:

$(285 \text{ kg} \times 2) + 45 \text{ kg} = \mathbf{615 \text{ kg} / 1355 \text{ lbs}}$ working point load

$615 \text{ kg} \times 2 = \mathbf{1230 \text{ kg} / 2711 \text{ lbs}}$ maximum point load

Weight testing procedure

Weight testing ensures adequate attachment of ceiling lift system to the support structure and performance of all operating parts. By utilizing weight equal to or greater than the maximum capacity of the lift motor, testing replicates maximum stress to the system under normal operating conditions.

The certified installer is responsible for weight testing each system immediately after installation is completed.

Procedure:

All SystemRoMedic™ ceiling lift systems are required to be weight tested immediately after the completion of installation. The use of ceiling lift system to lift and/or transfer of any person is strictly prohibited prior to certification by weight testing.

1. The ceiling lift system must be completely installed prior to weight testing.
2. Ensure that all attachment anchors and support system attachment hardware has been tightened to specified torque rating. Inspect all rail mounting hardware and traverse carriers for loose bolts.
3. The system is to be weight tested with a minimum of at least the rated lift motor maximum capacity. (i.e. RiseAtlas max. cap. is 285 kg / 625 lbs - minimum weight utilized is 285 kg / 625 lbs)
4. The motor installed in the system is utilized to lift the weight.
5. The weight must be clearly identified. The use of a scale between lift motor strap and sling bar attachment is strongly suggested.
6. The weight must be lifted so as not to come in contact with the floor at any point during the system test. A minimum of 50 mm clearance is suggested.
7. For systems utilizing ceiling mounted supports, the weight must be placed directly beneath each support for a minimum of 5 minutes to ensure all attachment anchorage is tested. For systems utilizing wall mounted supports, the weight must be placed as close as possible to the attachment point. If an obstruction hinders movement of the weight (i.e. toilet, etc.), the weight must be placed as close as possible to attachment point.
8. If an issue is discovered during the weight testing such as incorrect or loose attachments, the weight testing is to cease, issue is to be corrected, and the system is to be completely retested.
9. The weight test form is to be signed by the inspector as a proof of completed inspection. The customer representative who witnesses the inspection is requested to sign the weight test form as well as proof of acceptance of the system.

By signing this form I acknowledge that I have read this form and I am fully aware of Handicare's policy regarding weight testing of ceiling lift systems.

Signature

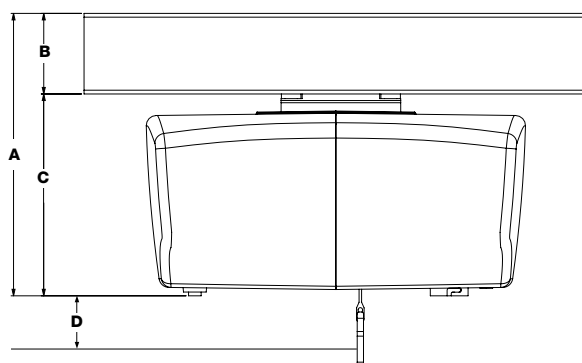
Date

Print

Dimensions

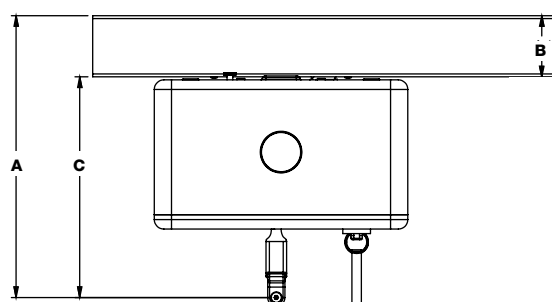
MilkyWay includes all the parts necessary for creating safe and flexible solutions. Different parts can be combined in different ways and, therefore, a MilkyWay rail system can have many different configurations and function in many different ways. Each rail system is individually designed, allowing for adaptation to specific conditions and for meeting of specific requirements. Hereunder and on the following pages, examples of dimensions in different applications are illustrated.

Reda in a basic rail system



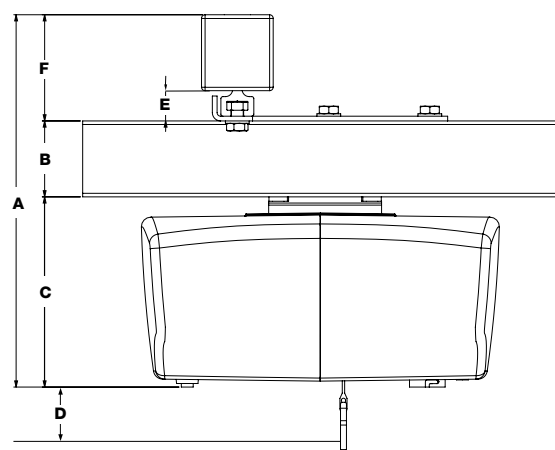
A = 288 mm - 384 mm, 11.3 - 15.1 inch.
B = 64 mm - 160 mm, 2.5 - 6.2 inch.
C = Build-in dimension: lift unit; 160 mm, 6.2 inch.
D = 60 mm, 2.36 inch.

RiseAtlas450T in a basic rail system



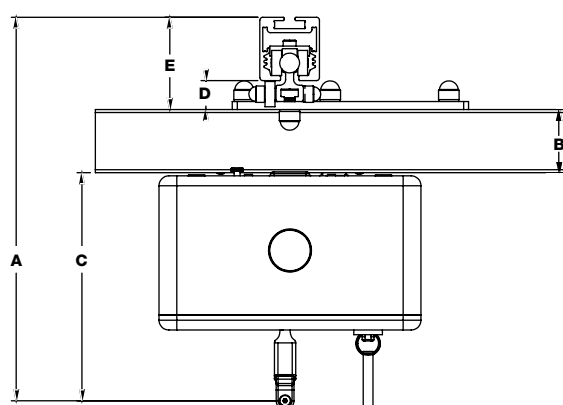
A = 294 mm, 11.7 inch.
B = 64 mm - 160 mm, 2.5 - 6.7 inch.
C = Build-in dimension:
lift unit; 230 mm, 9.05 inch.

Reda in an (x-y)/traverse system



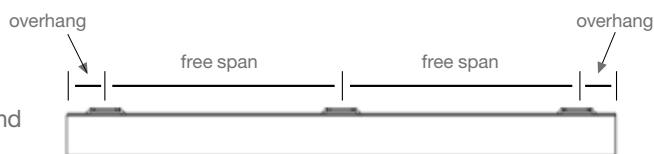
A = 314 mm - 506 mm, 12.3 - 19.9 inch.
B = 64 mm - 160 mm, 2.5 - 6.2 inch.
C = Build-in dimension: lift unit; 160 mm, 6.2 inch.
D = 60 mm, 2.36 inch.
E = 27 mm, 1.06 inch.
F = 90 mm - 186 mm, 3.5 - 7.3 inch.

RiseAtlas450T in an (x-y)/traverse system



A = 387 mm - 506 mm, 15.2 - 19.9 inch.
B = 64 mm - 160 mm, 2.5 - 6.7 inch.
C = Build-in dimension:
lift unit; 230 mm, 9.05 inch.
D = 27 mm, 1.06 inch.
E = 90 mm - 186 mm, 3.5 - 7.3 inch.

The rails must be installed observing maximum free span and overhang limits, see 3: Span details.



(x-y) system with Ceiling bracket standard and Rail 64 as primary rails and as secondary rail.

Build-in dimension:
185.3 mm (7.29 inch.)



(x-y) system with Ceiling bracket standard and Rail 64 as primary rails and Rail 120 as secondary rail.

Build-in dimension:
241.3 mm (9.5 inch.)



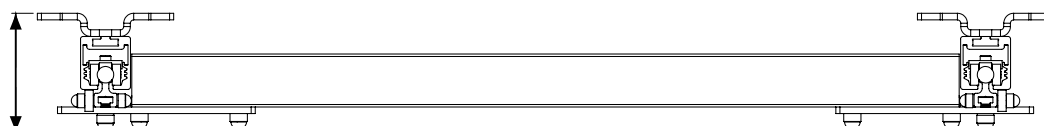
(x-y) system with Ceiling bracket standard and Rail 64 as primary rails and Rail 160 as secondary rail.

Build-in dimension:
281.3 mm (11.07 inch.)

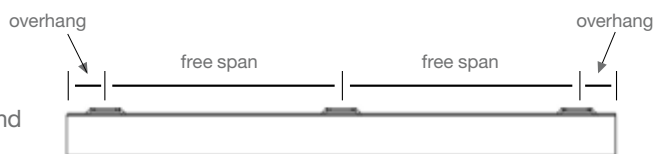


(x-y) system with Ceiling bracket standard and Rail 64 as primary rails and as secondary rail mounted between primary rails.

Build-in dimension:
142.2 mm (5.6 inch.)



The rails must be installed observing maximum free span and overhang limits, see 3: Span details.



(x-y) system with Ceiling bracket standard and Rail 120 as primary rails and as secondary rail.

Build-in dimension:
297.3 mm (11.7 inch.)



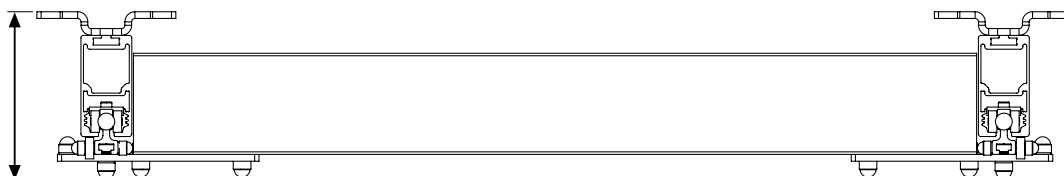
(x-y) system with Ceiling bracket standard and Rail 120 as primary rails and Rail 160 as secondary rail.

Build-in dimension:
337.3 mm (13.27 inch.)

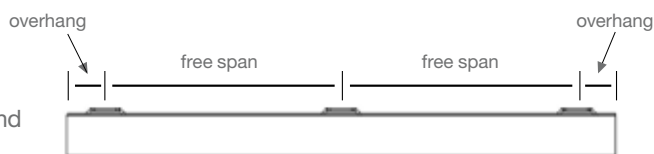


(x-y) system with Ceiling bracket standard and Rail 120 as primary rails and as secondary rail mounted between primary rails.

Build-in dimension:
198.2 mm (7.8 inch.)



The rails must be installed observing maximum free span and overhang limits, see 3: Span details.



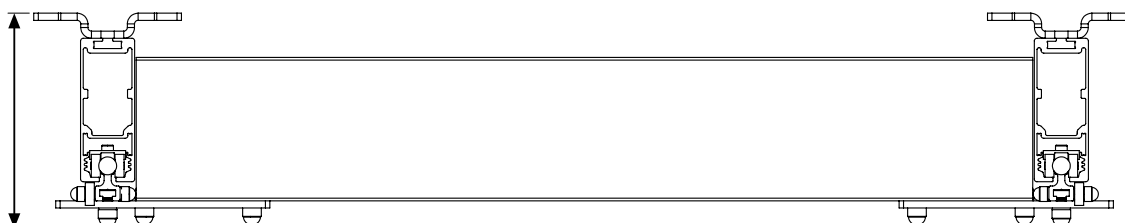
(x-y) system with Ceiling bracket standard and Rail 160 as primary rails and as secondary rail.

Build-in dimension:
377.3 mm (14.85 inch.)



(x-y) system with Ceiling bracket standard and Rail 160 as primary rails and as secondary rail mounted between primary rails.

Build-in dimension:
238.3 mm
(9.38 inch.)



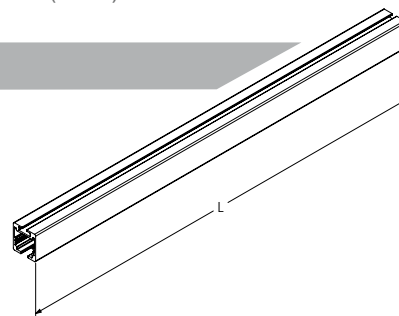
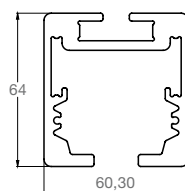
Straight rails

MilkyWay straight rails are available in three different rail profiles: 64 x 60 mm (2.52 x 2.36"), 120 x 60 mm (4.72 x 2.36") and 160 x 60 mm (6.30 x 2.36") and in lengths from 1600 to 7000 mm (62.99 to 275.59").

All rails are prepared for in-rail charging. All rails are made from powder-coated (white) aluminium.

Rail 64

Prod. no: _____ 50400262-276
Safe working load: 230-285 kg (505-625 lbs.)
Build-in dimension: 64 mm (2.5 inch.)
Material: _____ Aluminium
Colour: _____ White, RAL 9010 as standard
Unit weight: _____ 3.4 kg/m (7.5 lbs./39.4 inch.)



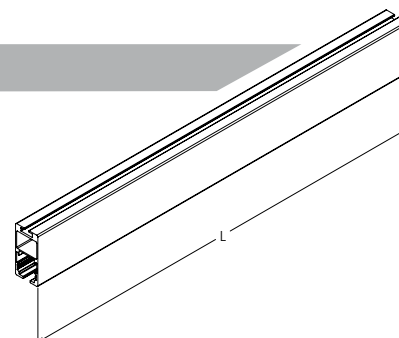
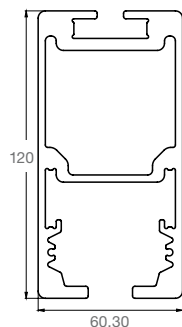
Available lengths:

mm: 1600, 1800, 2000, 2200, 2400, 2600, 2800, 3000, 3500, 4000, 4500, 5000, 5500, 6000, 7000

inch.: 63, 71, 79, 87, 94, 102, 110, 118, 138, 157, 177, 197, 217, 236, 276

Rail 120

Prod. no: _____ 50400277-294
Safe working load: 230-285 kg (505-625 lbs.)
Build-in dimension: 120 mm (4.7 inch.)
Material: _____ Aluminium
Colour: _____ White, RAL 9010 as standard
Unit weight: _____ 5.3 kg/m (11.7 lbs./39.4 inch.)



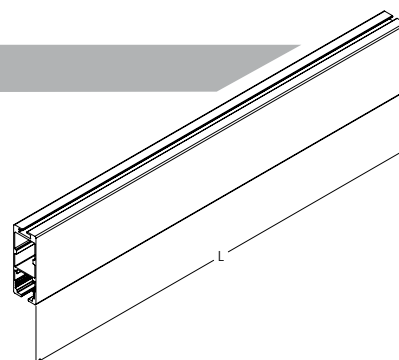
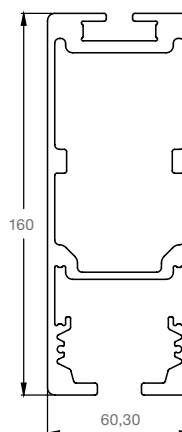
Available lengths:

mm: 2000, 2600, 2800, 3000, 3200, 3400, 3600, 3800, 4000, 4200, 4400, 4600, 4800, 5000, 5500, 6000, 6500, 7000

inch.: 79, 102, 110, 118, 126, 134, 142, 150, 157, 165, 173, 181, 189, 197, 217, 236, 256, 276

Rail 160

Prod. no: _____ 50400295-299
Safe working load: 230-285 kg (505-625 lbs.)
Build-in dimension: 160 mm (6.3 inch.)
Material: _____ Aluminium
Colour: _____ White, RAL 9010 as standard
Unit weight: _____ 6.2 kg/m kg (13.7 lbs./39.4 inch.)



Available lengths:

mm: 5000, 5500, 6000, 6500, 7000

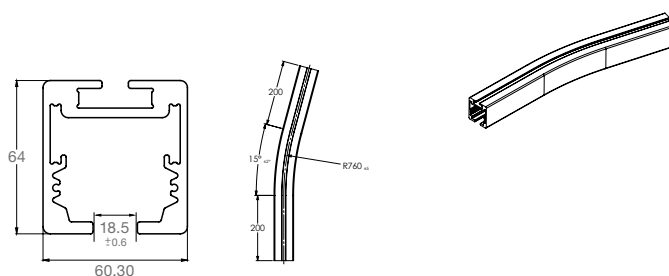
inch.: 197, 217, 236, 256, 276

Rail curves

MilkyWay rail curves are available in 15°, 22.5°, 45° and 90° variants and in one rail profile: 64 x 60 mm (2.52 x 2.36"). All rail curves are prepared for in-rail charging. All rail curves are made from powder-coated (white) aluminium.

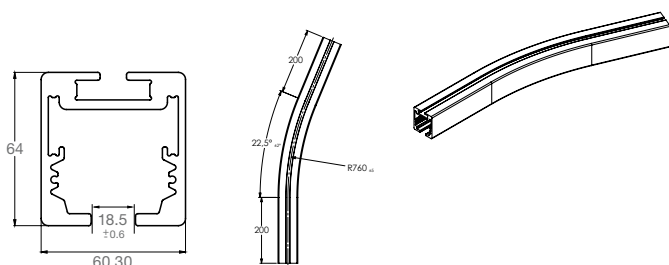
Rail curve 64-15 W

Prod. no: 50400232
Safe working load: 285 kg (625 lbs.)
Build-in dimension: 64 mm (2.5 inch.)
Material: Aluminium
Colour: White, RAL 9010 as standard
Unit weight: 2 kg (4.38 lbs.)
Intended use: Basic rail systems



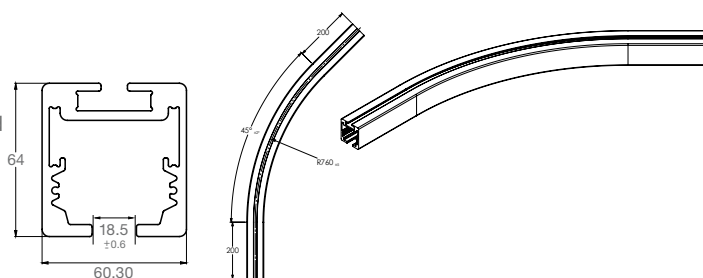
Rail curve 64-22.5 W

Prod. no: 50400231
Safe working load: 285 kg (625 lbs.)
Build-in dimension: 64 mm (2.5 inch.)
Material: Aluminium
Colour: White, RAL 9010 as standard
Unit weight: 1.5 kg (3.2 lbs.)
Intended use: Basic rail systems



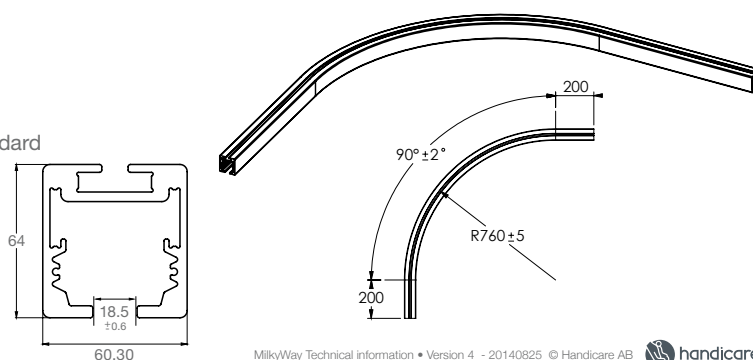
Rail curve 64-45 W

Prod. no: 50400227
Safe working load: 285 kg (625 lbs.)
Build-in dimension: 64 mm (2.5 inch.)
Material: Aluminium
Colour: White, RAL 9010 as standard
Unit weight: 2.5 kg (5.5 lbs.)
Intended use: Basic rail systems



Rail curve 64-90 W

Prod. no: 50400228
Safe working load: 285 kg (625 lbs.)
Build-in dimension: 64 mm (2.5 inch.)
Material: Aluminium
Colour: White, RAL 9010 as standard
Unit weight: 8 kg (17.6 lbs.)
Intended use: Basic rail systems



Switches

Switches are used to connect one rail or rail system to another, allowing the ceiling lift unit to travel between the two rails or rail systems for increased lifting areas/room coverage, flexibility and utility. MilkyWay offers switches for all kinds of rail systems. A shunting rail switches between two very short pieces of straight rail in a basic rail system while a turntable provides ultimate flexibility and is ideal for situations where intersections are required in a basic rail system or when a rail turn, which the standard rail curves cannot accommodate, is required. A transition gate connects a rail system with full room coverage to a basic rail system. Two transition gates may be combined to connect two rail systems with full room coverage.

Shunting rail electrical left

Prod. no: 50400141

Safe working load: 285 kg (625 lbs.)

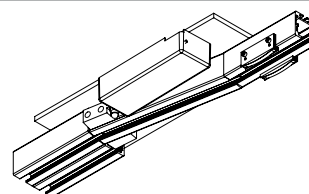
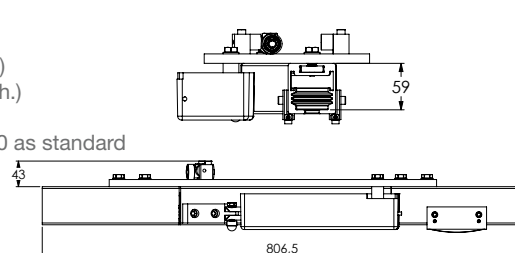
Build-in dimension: 59 mm (2.32 inch.)

Material: Aluminium

Colour: White, RAL 9010 as standard

Unit weight: 9 kg (19.7 lbs.)

Intended use: Only for Reda
50100027
and Rail 64



Shunting rail electrical right

Prod. no: 50400142

Safe working load: 285 kg (625 lbs.)

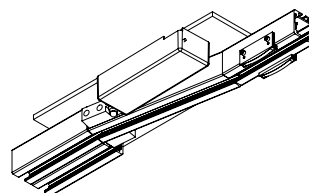
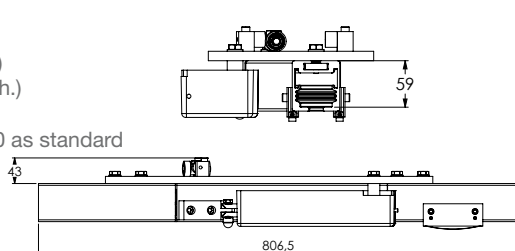
Build-in dimension: 59 mm (2.32 inch.)

Material: Aluminium

Colour: White, RAL 9010 as standard

Unit weight: 9 kg (19.7 lbs.)

Intended use: Only for Reda
50100027
and Rail 64



Turntable, electrical 4-point

Prod. no: 50400233

Safe working load: 285 kg (625 lbs.)

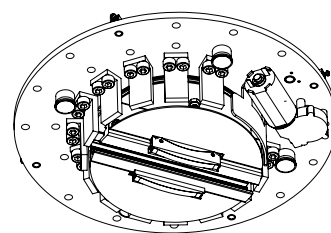
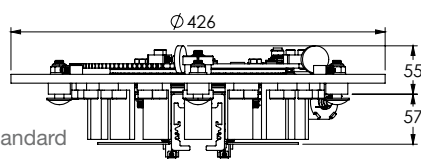
Build-in dimension: 55 mm (2.16 inch.)

Material: Steel

Colour: White, RAL 9010 as standard

Unit weight: 15.6 kg (34.4 lbs.)

Intended use: Rail 64



Turntable, manual 4-point

Prod. no: 50400234

Safe working load: 285 kg (625 lbs.)

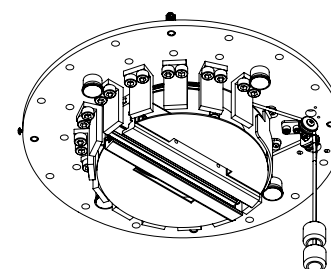
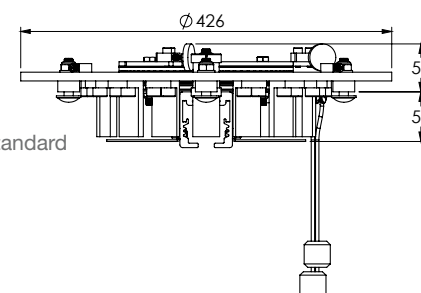
Build-in dimension: 55 mm (2.16 inch.)

Material: Steel

Colour: White, RAL 9010 as standard

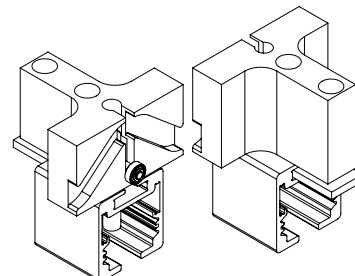
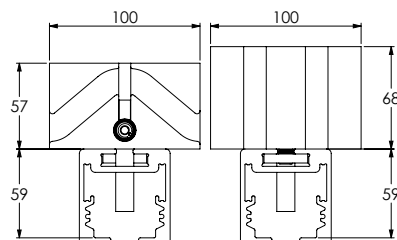
Unit weight: 14.2 kg (31.3 lbs.)

Intended use: Rail 64



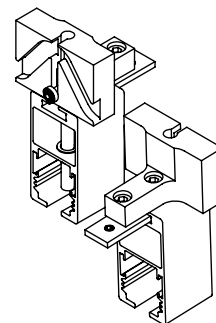
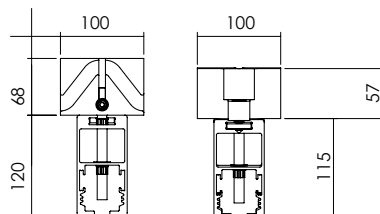
Transition gate manual 64-64

Prod. no: _____ 50400226
Safe working load: 285 kg (625 lbs.)
Build-in dimension: 57 mm (2.26 inch.)
Material: _____ Aluminium
Colour: _____ Aluminium
Unit weight: _____ 0.3 kg (0.65 lbs.)
Intended use: _____ Rail 64



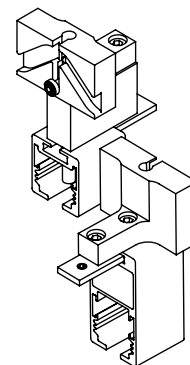
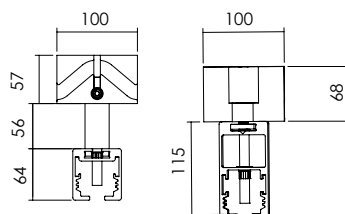
Transition gate manual 120-120

Prod. no: _____ 50400237
Safe working load: 285 kg (625 lbs.)
Build-in dimension: 57 mm (2.26 inch.)
Material: _____ Aluminium
Colour: _____ Aluminium
Unit weight: _____ 0.3 kg (0.65 lbs.)
Intended use: _____ Rail 120



Transition gate manual 64-120

Prod. no: _____ 50400238
Safe working load: 285 kg (625 lbs.)
Build-in dimension: 57 mm (2.26 inch.)
Material: _____ Aluminium
Colour: _____ Aluminium
Unit weight: _____ 0.3 kg (0.65 lbs.)
Intended use: _____ Rail 64 and Rail 120

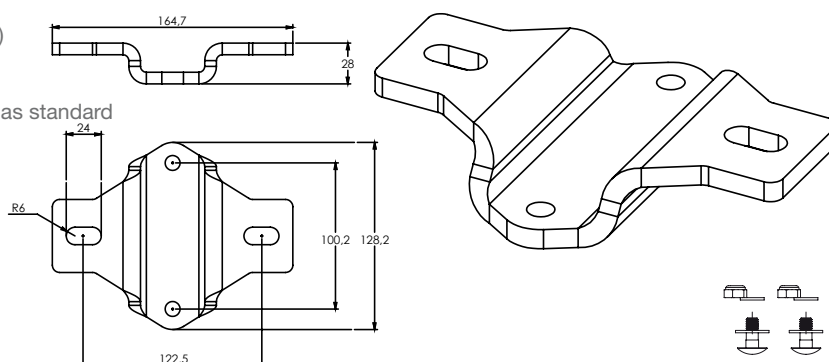


Ceiling fixtures - brackets

MilkyWay offers several different alternatives for installation of straight rails and rail curves on the ceiling. Depending on factors such as ceiling height and structure, different ceiling brackets and/or pendants can be used. Ceiling brackets are available in several models featuring different build-in dimensions and are installed with one or two fixings. Ceiling brackets can be easily installed on concrete, flush with the surface and adjusted from the rail. All ceiling brackets are made from powder-coated (white) steel.

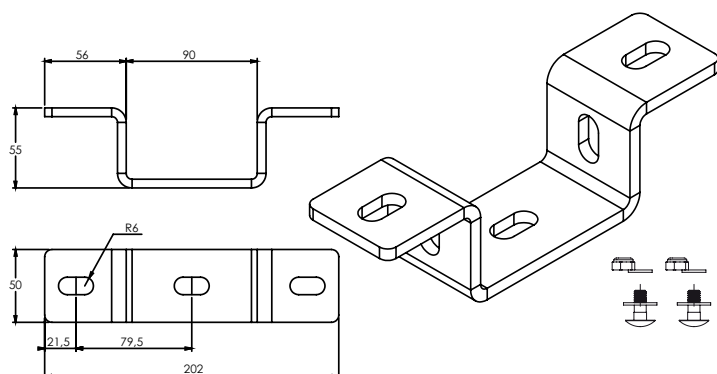
Ceiling bracket standard

Prod. no: 50400319
Safe working load: 500 kg (1102 lbs.)
Build-in dimension: 28 mm (1.1 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 0.9 kg (2 lbs.)



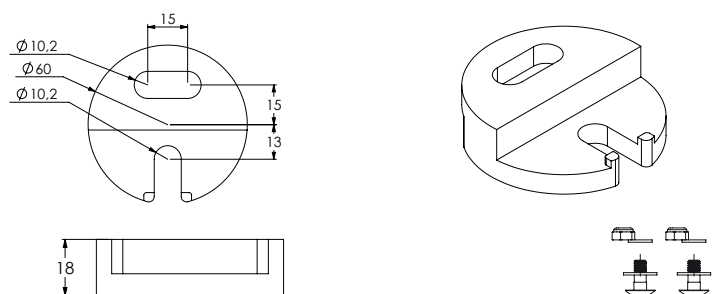
Universal bracket 55

Prod. no: 50400039
Safe working load: 285 kg (625 lbs.)
Build-in dimension: 55 mm (2.16 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 0.6 kg (1.3 lbs.)



Ceiling bracket quick

Prod. no: 50400236
Safe working load: 285 kg (625 lbs.)
Build-in dimension: 18 mm (0.7 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 0.2 kg (0.4 lbs.)



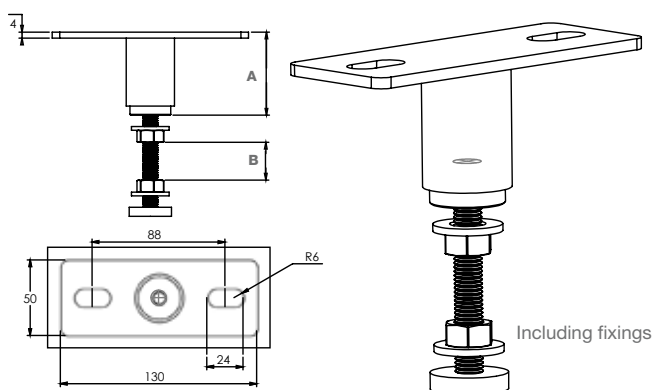
Ceiling fixtures - pendants

Pendants enable installation of rail systems onto high ceilings, while still allowing for the correct distance between rail and floor (2300 mm/ 90.55"). Pendants are available in several models and variants.

All pendants are very stable and easy to install. They are also, either steplessly or with fixed intervals, variable in length to enable correct height adjustment. This feature facilitates both design and installation of the system. It also enables adaptation to the room and the lifting needs at hand. All pendants are made from powder-coated (white) steel.

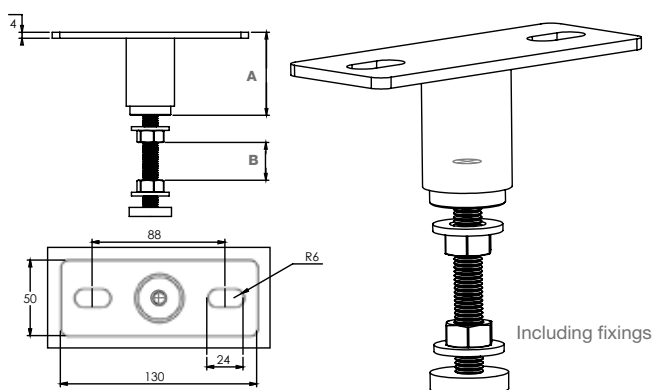
Pendant F55

Prod. no: 50400163
Safe working load: 285 kg (625 lbs.)
Build-in dimension (A): 55 mm (2.16 inch.)
Height adjustable (B): +20 mm (0.78 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 0.35 kg (0.8 lbs.)



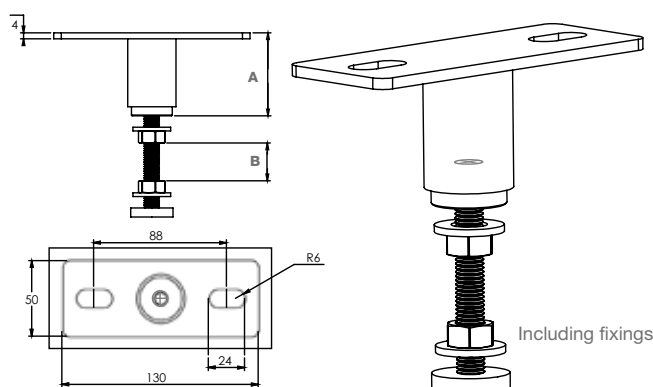
Pendant F105

Prod. no: 50400164
Safe working load: 285 kg (625 lbs.)
Build-in dimension (A): 105 mm (4.13 inch.)
Height adjustable (B): +20 mm (0.78 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 0.40 kg (0.9 lbs.)



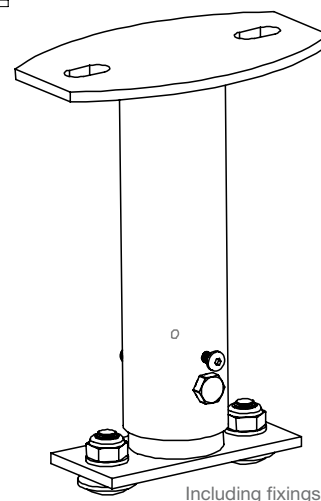
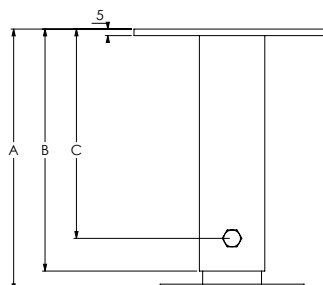
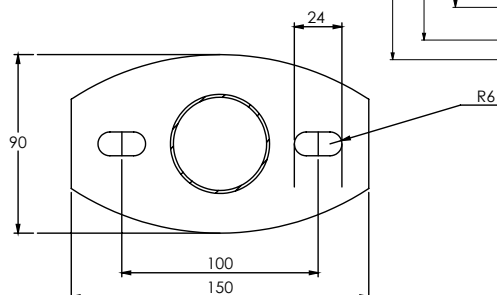
Pendant F150

Prod. no: 50400165
Safe working load: 285 kg (625 lbs.)
Build-in dimension (A): 150 mm (5.9 inch.)
Height adjustable (B): +20 mm (0.78 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 0.45 kg (1.0 lbs.)



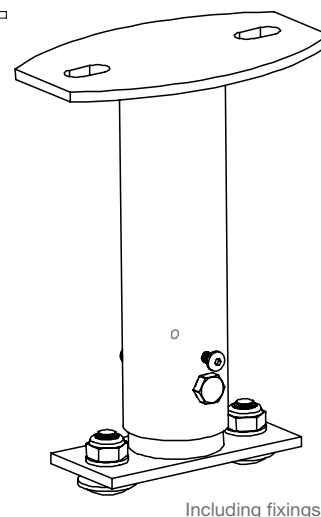
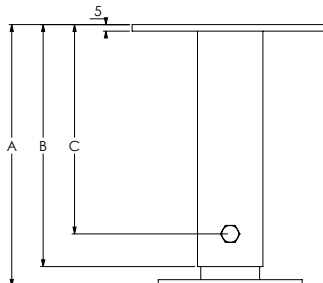
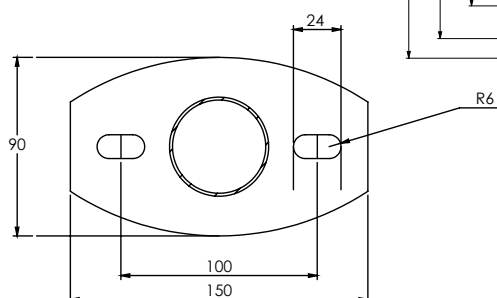
Pendant R190-320

Prod. no: 50400078
Safe working load: 285 kg (625 lbs.)
Build-in dimension (A): 190-320 mm (7.5-12.6 inch.)
Build-in dimension (B): 185 mm (7.28 inch.)
Height adjustable (C): 130 mm (5.11 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 1.3 kg (2.9 lbs.)



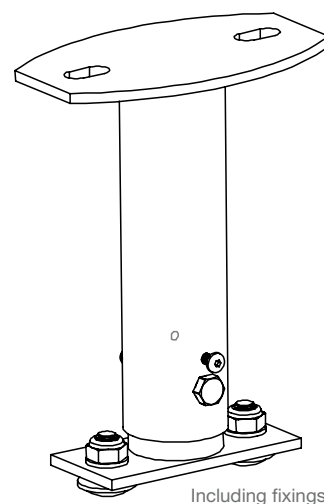
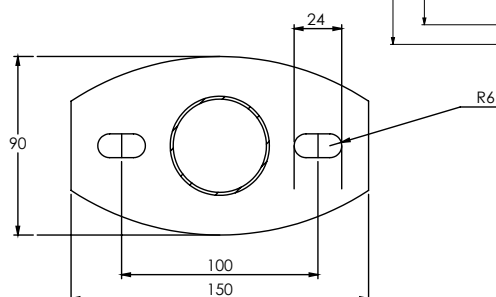
Pendant R290-470

Prod. no: 50400079
Safe working load: 285 kg (625 lbs.)
Build-in dimension (A): 290-470 mm (11.4-18.5 inch.)
Build-in dimension (B): 285 mm (11.22 inch.)
Height adjustable (C): 180 mm (7.08 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 1.6 kg (3.5 lbs.)



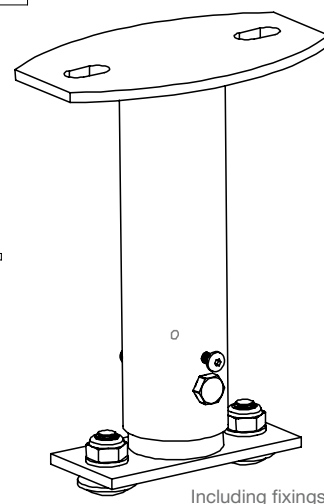
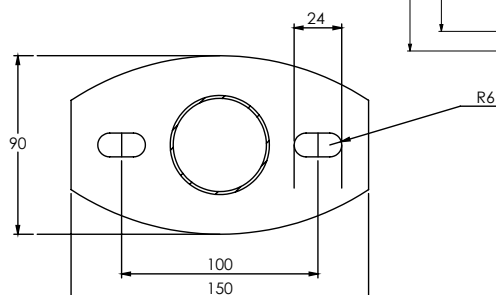
Pendant R420-730

Prod. no: 50400080
Safe working load: 285 kg (625 lbs.)
Build-in dimension (A): 420-730 mm (16.5-28.7 inch.)
Build-in dimension (B): 415 mm (16.33 inch.)
Height adjustable (C): 310 mm (12.2 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 2.06 kg (4.5 lbs.)



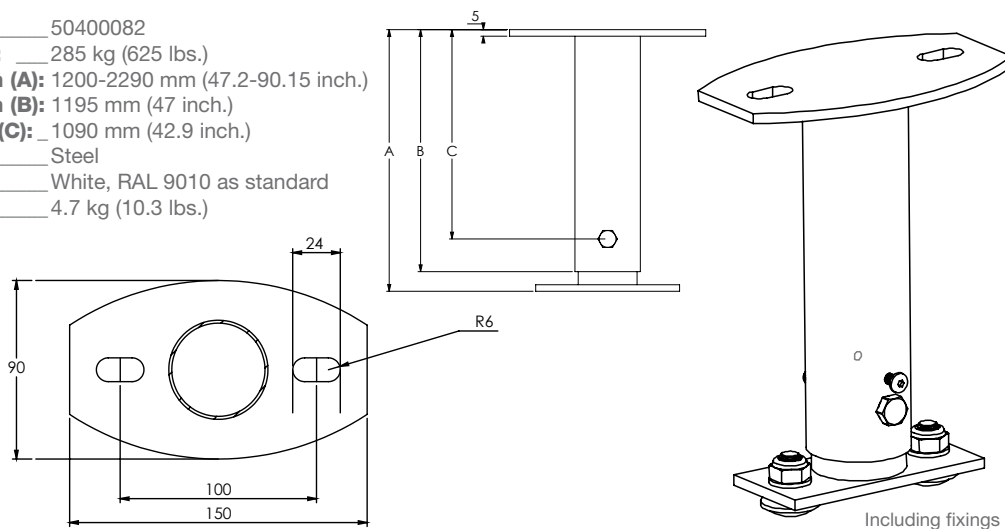
Pendant R680-1250

Prod. no: 50400081
Safe working load: 285 kg (625 lbs.)
Build-in dimension (A): 680-1250 mm (26.77-49.2 inch.)
Build-in dimension (B): 675 mm (26.57 inch.)
Height adjustable (C): 570 mm (22.44 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 2.95 kg (6.5 lbs.)



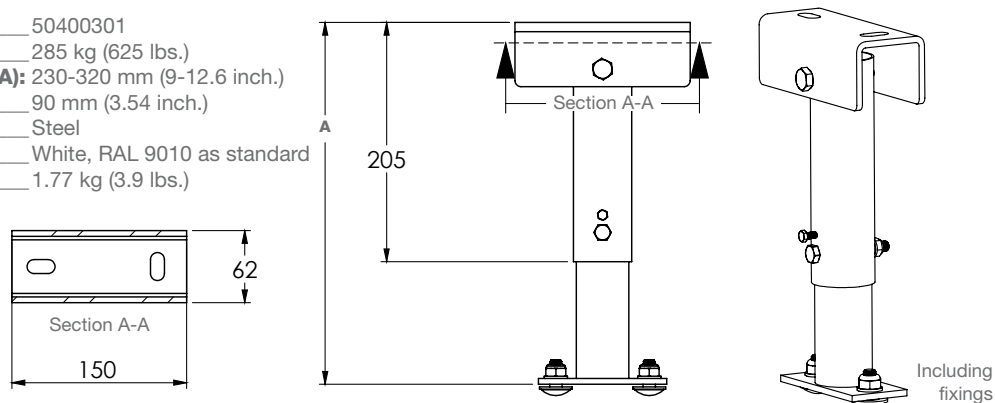
Pendant R1200-2290

Prod. no: 50400082
Safe working load: 285 kg (625 lbs.)
Build-in dimension (A): 1200-2290 mm (47.2-90.15 inch.)
Build-in dimension (B): 1195 mm (47 inch.)
Height adjustable (C): 1090 mm (42.9 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 4.7 kg (10.3 lbs.)



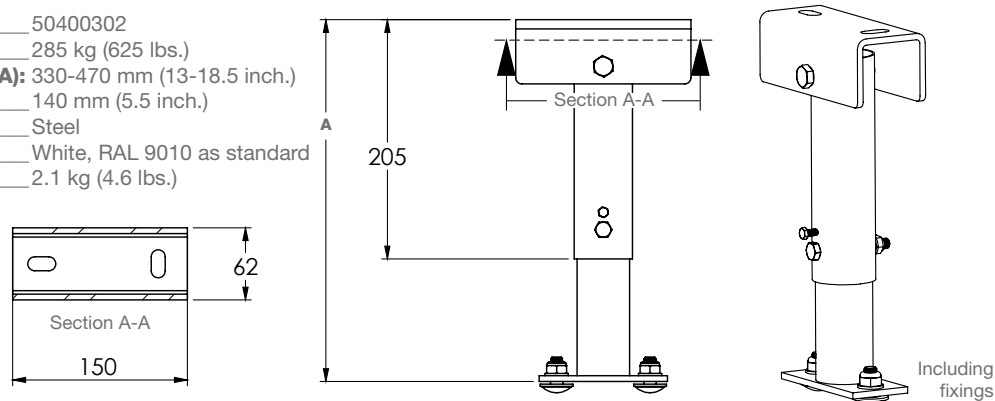
Pendant angled 190-320

Prod. no: 50400301
Safe working load: 285 kg (625 lbs.)
Build-in dimension (A): 230-320 mm (9-12.6 inch.)
Height adjustable: 90 mm (3.54 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 1.77 kg (3.9 lbs.)



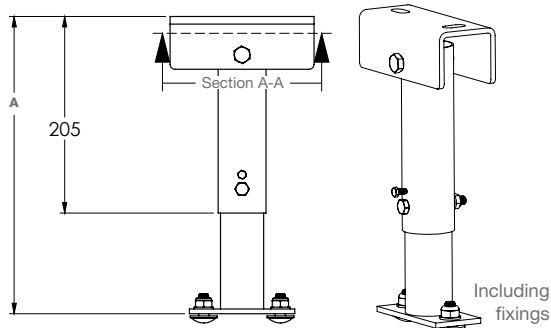
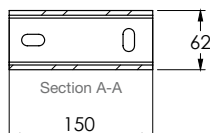
Pendant angled 290-470

Prod. no: 50400302
Safe working load: 285 kg (625 lbs.)
Build-in dimension (A): 330-470 mm (13-18.5 inch.)
Height adjustable: 140 mm (5.5 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 2.1 kg (4.6 lbs.)



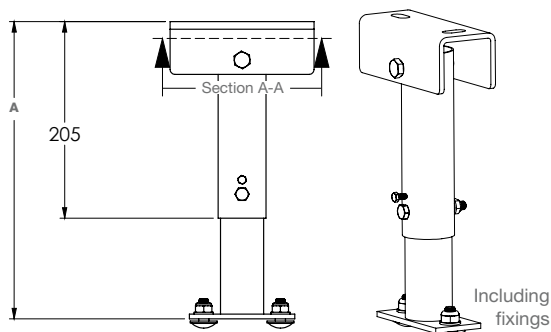
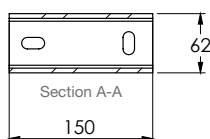
Pendant angled 420-730

Prod. no: 50400303
Safe working load: 285 kg (625 lbs.)
Build-in dimension (A): 460-730 mm (18.1-28.7 inch.)
Height adjustable: 270 mm (10.6 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 2.55 kg (5.62 lbs.)



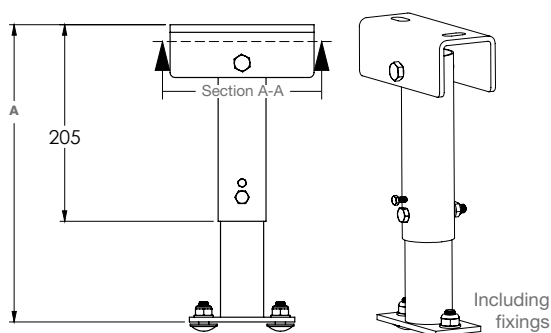
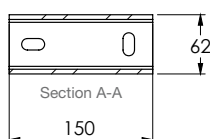
Pendant angled 680-1250

Prod. no: 50400304
Safe working load: 285 kg (625 lbs.)
Build-in dimension (A): 720-1250 mm (28.3-49.2 inch.)
Height adjustable: 530 mm (20.86 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 3.44 kg (7.58 lbs.)



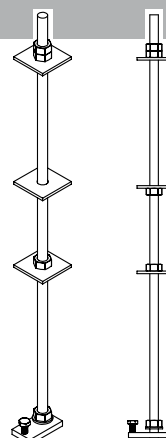
Pendant angled 1200-2290

Prod. no: 50400305
Safe working load: 285 kg (625 lbs.)
Build-in dimension (A): 1240-2290 mm (48.8-90.15 inch.)
Height adjustable: 1050 mm (41.33 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 5.21 kg (11.48 lbs.)



Threaded rod support kit

Prod. no: 50400192
Safe working load: 285 kg (625 lbs.)
Build-in dimension: 200-500 mm (7.87-19.68 inch.)
Height adjustable: 350 mm (13.77 inch.)
Material: Steel
Colour: Metal
Unit weight: 0.8 kg (1.8 lbs.)

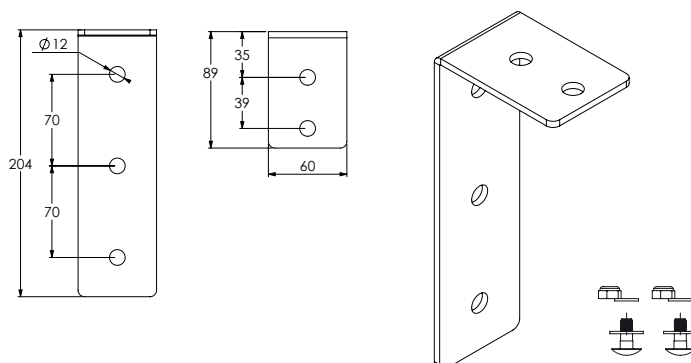


Wall fixtures for free bearing rail systems

MilkyWay also offers several alternatives for wall-mounting of free bearing rail systems. The choice of fixtures depends on the wall structure and material, as well as the load that the system will carry. All brackets are made from powder-coated (white) steel.

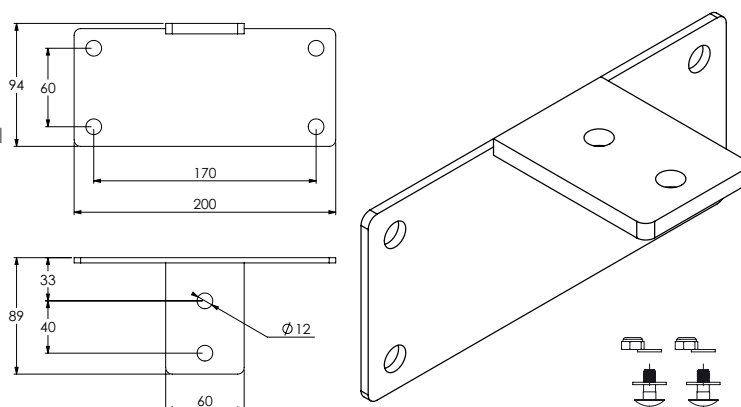
Wall bracket small

Prod. no: _____ 50400119
Safe working load: 230 kg (505 lbs.)
Build-in dimension: 20 mm (0.7 inch.)
Material: _____ Steel
Colour: _____ White, RAL 9010 as standard
Unit weight: _____ 0.52 kg (1.1 lbs.)



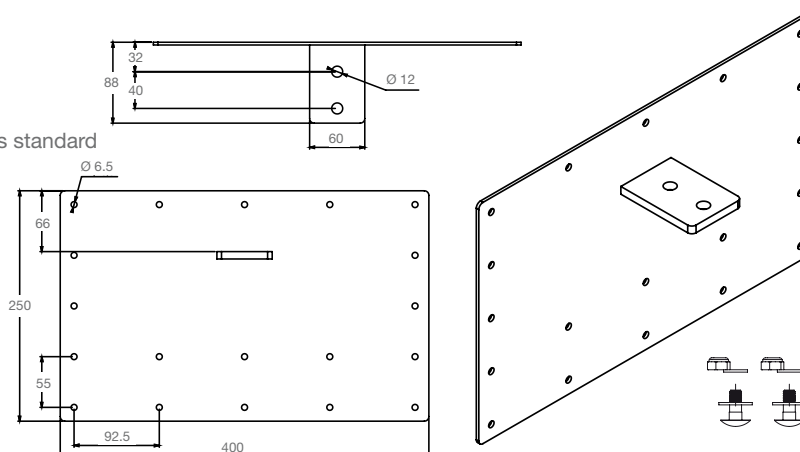
Wall bracket wide

Prod. no: _____ 50400120
Safe working load: 230 kg (505 lbs.)
Build-in dimension: 20 mm (0.7 inch.)
Material: _____ Steel
Colour: _____ White, RAL 9010 as standard
Unit weight: _____ 0.85 kg (1.8 lbs.)



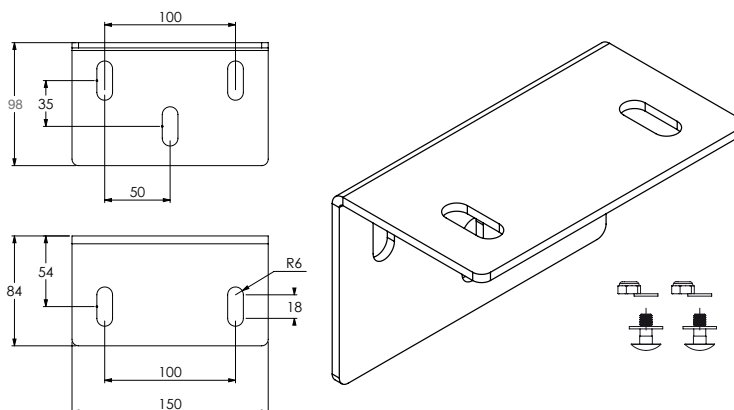
Wall bracket (plaster)

Prod. no: _____ 50400159
Safe working load: 230 kg (505 lbs.)
Build-in dimension: 60 mm (2.36 inch.)
Material: _____ Steel
Colour: _____ White, RAL 9010 as standard
Unit weight: _____ 2.65 kg (5.8 lbs.)
Intended use: _____ On plaster



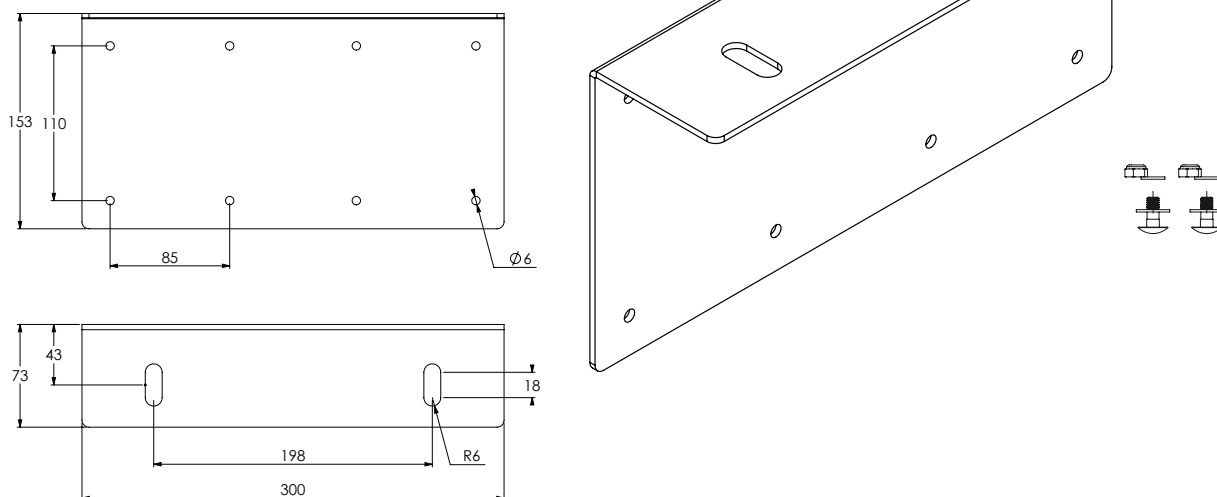
Wall bracket parallel

Prod. no: _____ 50400121
Safe working load: 230 kg (505 lbs.)
Build-in dimension: 98 mm (3.9 inch.)
Material: _____ Steel
Colour: _____ White, RAL 9010 as standard
Unit weight: _____ 0.76 kg (1.7 lbs.)



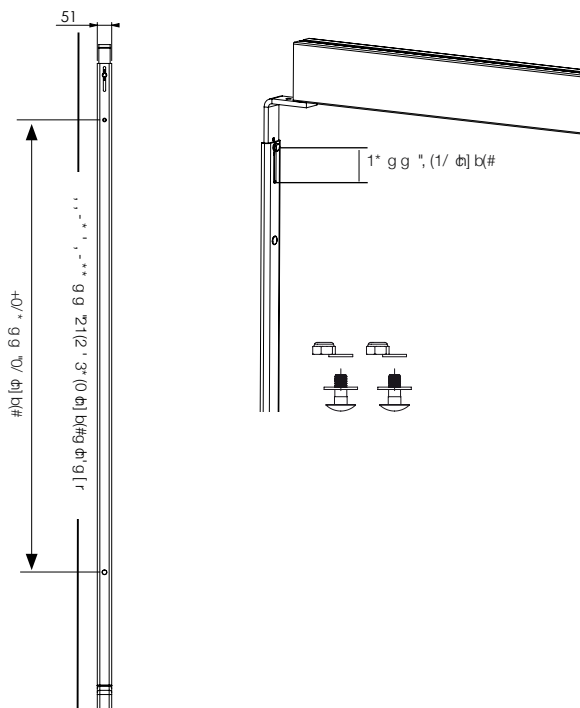
Wall bracket parallel (plaster)

Prod. no: _____ 50400160
Safe working load: 230 kg (505 lbs.)
Build-in dimension: 153 mm (6.02 inch.)
Material: _____ Steel
Colour: _____ White, RAL 9010 as standard
Unit weight: _____ 1.55 kg (3.4 lbs.)
Intended use: _____ On plaster



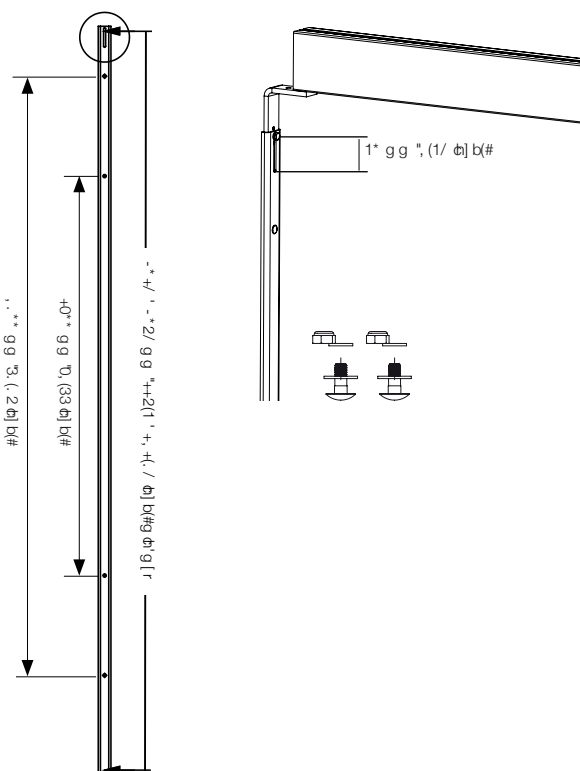
Vertical support adjustable

Prod. no: 50400190
Safe working load: 285 kg (625 lbs.)
Build-in dimension: 2300 mm (90.6 inch.)
Material: Aluminium
Colour: White, RAL 9010 as standard
Unit weight: 3.07 kg (6.6 lbs.)



Vertical support adjustable

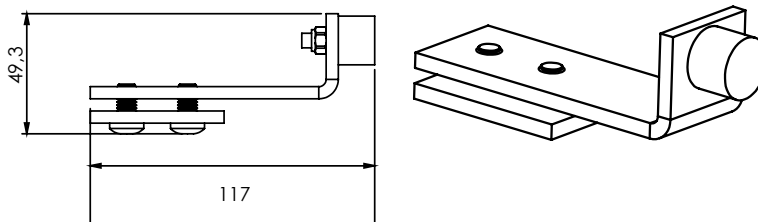
Prod. no: 50400242
Safe working load: 285 kg (625 lbs.)
Build-in dimension: 3085 mm (121.45 inch.)
Material: Aluminium
Colour: White, RAL 9010 as standard
Unit weight: 3.67 kg (8 lbs.)



Accessories and installation equipment

Endstop adjustable

Prod. no: ____ 50400036
Material: ____ Steel
Colour: ____ White, RAL 9010 as standard
Unit weight: _ 0.24 kg (0.5 lbs.)
Intended use: Rail 64, Rail 120, Rail 160



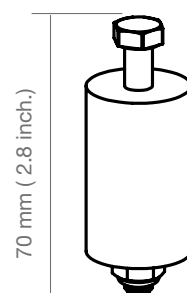
Endstop bolt M8

Prod. no: ____ 50400026
Material: ____ Steel
Intended use: Rail 64, Rail 120, Rail 160



Endstop bolt M8

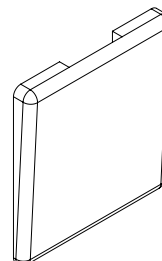
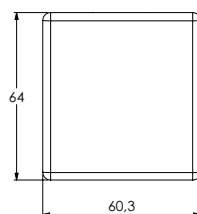
Prod. no: ____ 50400027
Material: ____ Steel / rubber
Intended use: Rail 64, Rail 120, Rail 160



Ø rubber bumper:
31 mm (1.22 inch.)

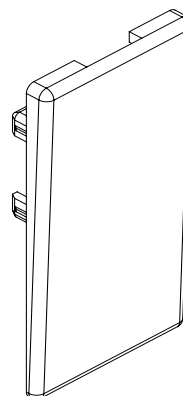
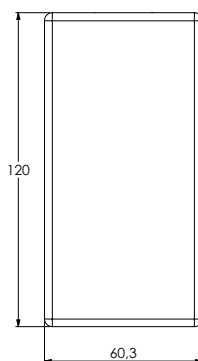
Endcap 64

Prod. no: ____ 50400158
Material: ____ Plastic
Colour: ____ White, RAL 9010 as standard
Unit weight: _ 0.018 kg (0.039 lbs.)
Intended use: Rail 64



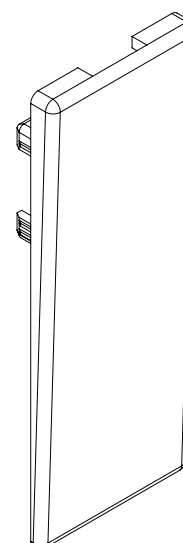
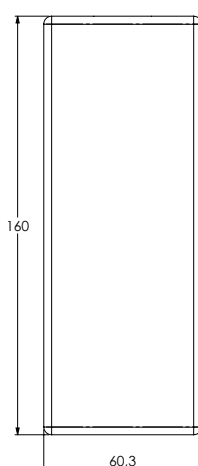
Endcap 120

Prod. no: ____ 50400154
Material: ____ Plastic
Colour: ____ White, RAL 9010 as standard
Unit weight: _ 0.034 kg (0.074 lbs.)
Intended use: Rail 120



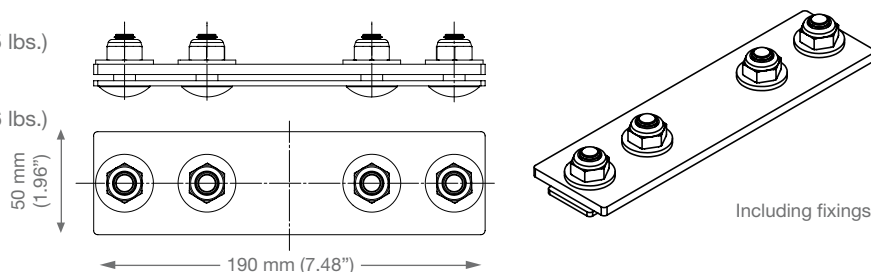
Endcap 160

Prod. no: ____ 50400155
Material: ____ Plastic
Colour: ____ White, RAL 9010 as standard
Unit weight: _ 0.042 kg (0.092 lbs.)
Intended use: Rail 160



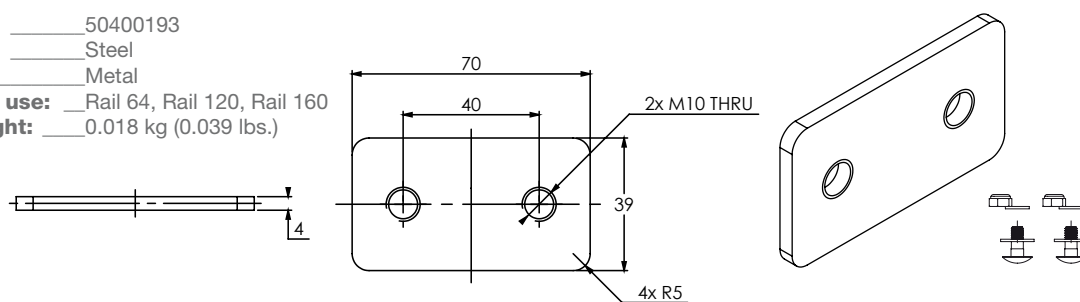
Joint bracket

Prod. no: _____ 50400316
Safe working load: 285 kg (625 lbs.)
Material: _____ Steel
Colour: _____ Metal
Unit weight: _____ 0.8 kg (1.76 lbs.)



Clamp bracket kit

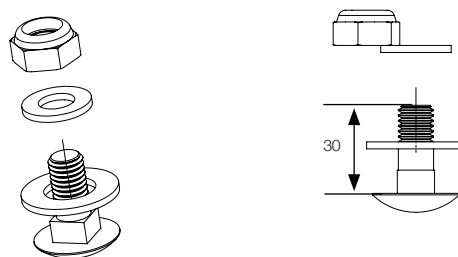
Prod. no: _____ 50400193
Material: _____ Steel
Colour: _____ Metal
Intended use: _____ Rail 64, Rail 120, Rail 160
Unit weight: _____ 0.018 kg (0.039 lbs.)



Coach bolt

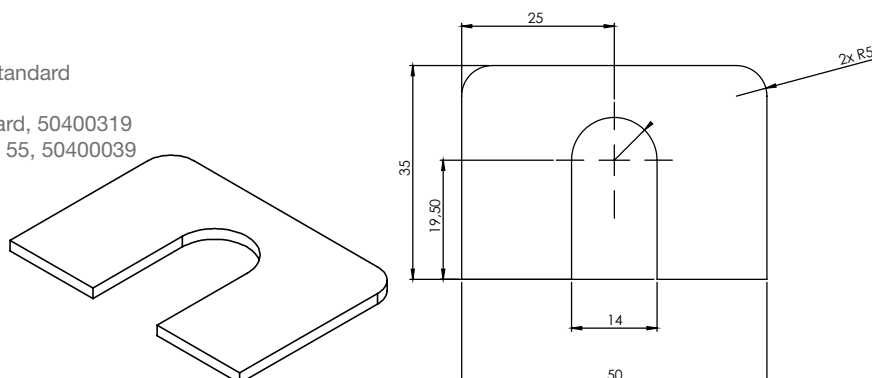
Prod. no: _____ 50400235
Material: _____ Steel
Colour: _____ Metal
Unit weight: _____ 0.018 kg (0.039 lbs.)
Intended use: _____ Rail 64, Rail 120, Rail 160

Relevant facts: Replaces discontinued 50400194:
 Clasp nut 29 x 29 x 8 mm for use with one or two fixing points in rail.



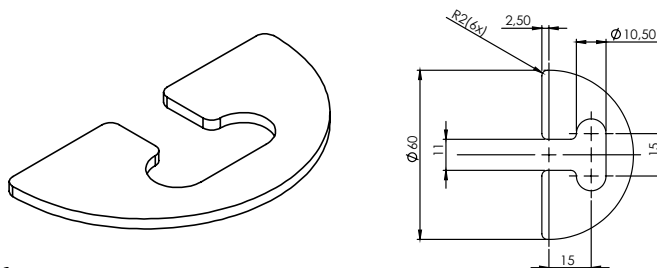
Shim 0.5 / Shim 1.0 / Shim 2.0 / Shim 3.0

Prod. no: _____ 50400306-309
Material: _____ Steel
Colour: _____ White, RAL 9010 as standard
Unit weight: _____ 0.005 kg (0.011 lbs.)
Intended use: _____ Ceiling bracket standard, 50400319
 and Universal bracket 55, 50400039



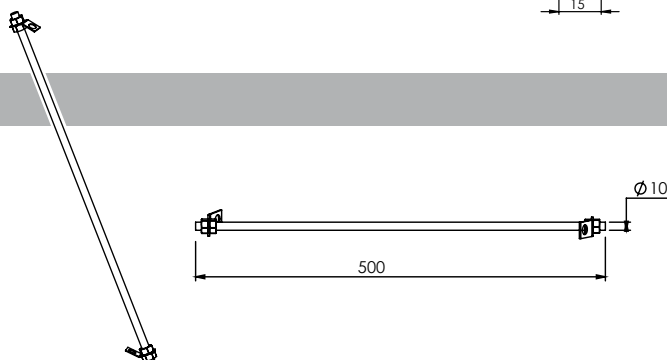
Shim quick 0.5 / Shim quick 1.0 / Shim quick 2.0

Prod. no: _____ 50400310-312
Material: _____ Steel
Colour: _____ White, RAL 9010 as standard
Unit weight: _____ 0.005 kg (0.011 lbs.)
Intended use: _____ Ceiling bracket quick, 50400236



Side support kit

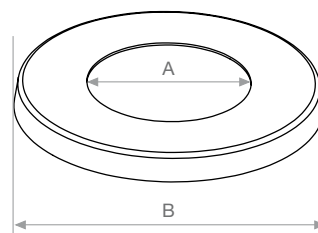
Prod. no: _____ 50400075
Material: _____ Steel
Colour: _____ Metal
Unit weight: _____ 0.3 kg (0.66 lbs.)
Intended use: _____ Pendants



Pendant cover 28-38 / Pendant cover 40-50 / Pendant cover 50

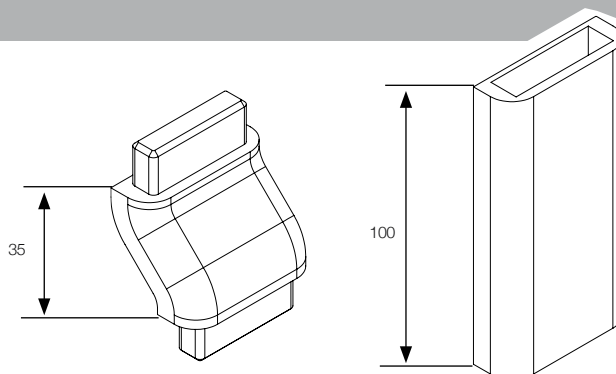
Prod. no: _____ 50400313-315
Material: _____ Plastic
Colour: _____ White, RAL 9010 as standard
Intended use: _____ 50400313: Pendant F
 _____ 50400314: Pendant R and Pendant angled,
 _____ 50400315: 50400313 and 50400314 and Pendant R and Pendant angled

| Measurements: | | |
|--------------------------------|---------------------------|--------------------|
| Product: | A: | B: |
| 50400313, Pendant cover 28-38: | 28-38 mm Ø (1.10-1.49" Ø) | 56 mm Ø (2.24" Ø) |
| 50400314, Pendant cover 40-50: | 40-50 mm Ø (1.47-1.97" Ø) | 64 mm Ø (2.52" Ø) |
| 50400315, Pendant cover 50: | 50 mm Ø (1.97" Ø) | 120 mm Ø (4.72" Ø) |



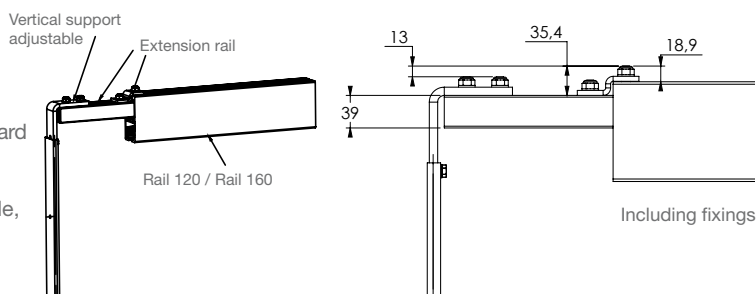
Vertical support adjustable kit

Prod. no: _____ 50400191
Safe working load: 285 kg (625 lbs.)
Build-in dimension: 135 mm (5.31 inch.)
Material: _____ Aluminium
Colour: _____ White, RAL 9010 as standard
Unit weight: _____ 0.71 kg (1.5 lbs.)
Intended use: _____ Used with 50400190, 50400242



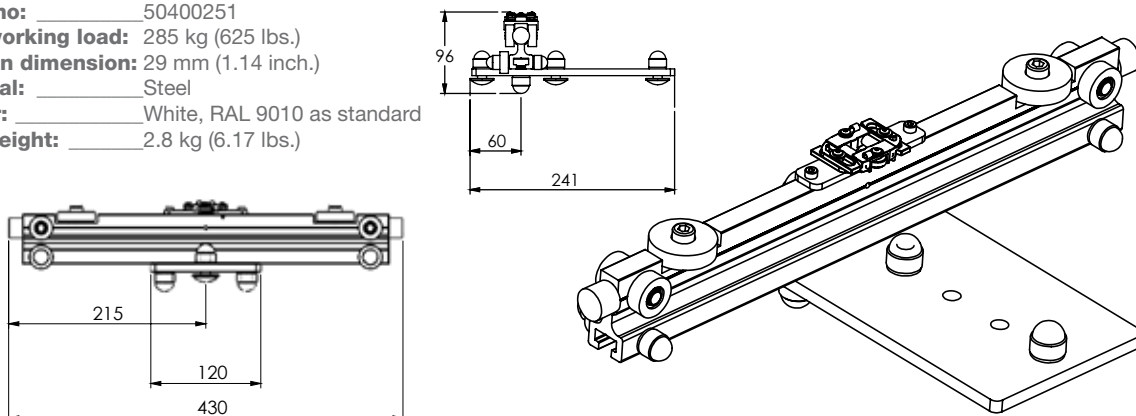
Extension rail

Prod. no: 50400318
Safe working load: 285 kg (625 lbs.)
Built-in dimension: 35 mm (1.37 inch.)
Material: Aluminium
Colour: White, RAL 9010 as standard
Unit weight: 1.7 kg (3.74 lbs.)
Intended use: Rail 120, Rail 160 and
 Vertical support adjustable,
 50400190 / 50400242



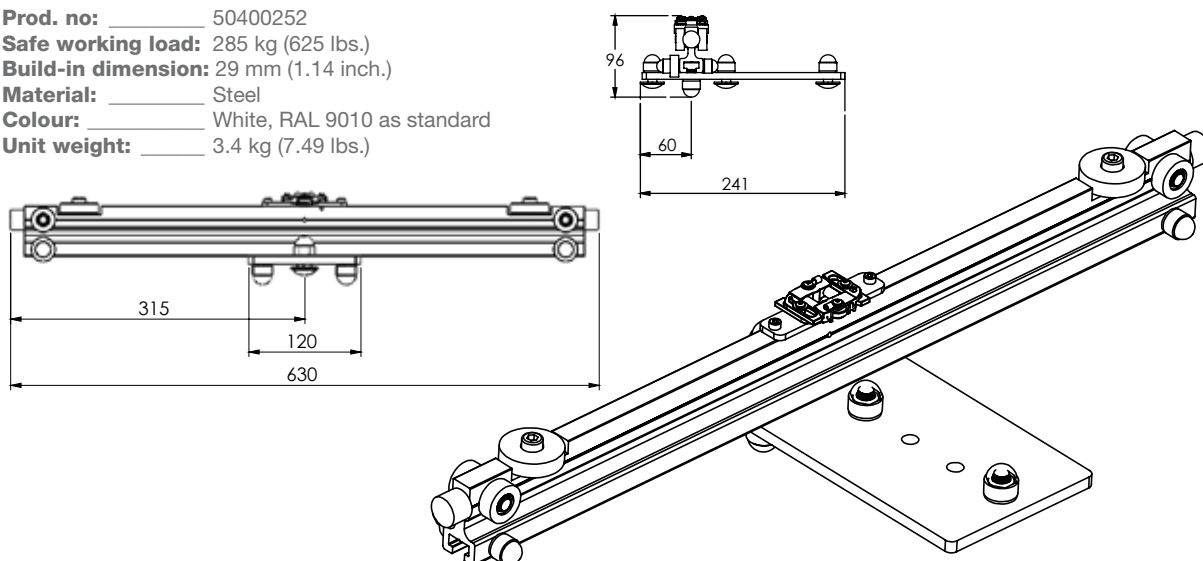
Traverse trolley 3000 flex

Prod. no: 50400251
Safe working load: 285 kg (625 lbs.)
Built-in dimension: 29 mm (1.14 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 2.8 kg (6.17 lbs.)



Traverse trolley 6500 flex

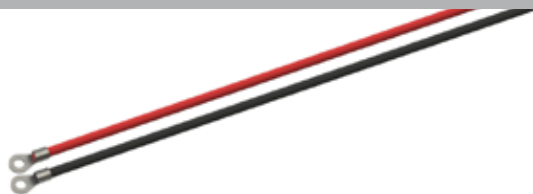
Prod. no: 50400252
Safe working load: 285 kg (625 lbs.)
Built-in dimension: 29 mm (1.14 inch.)
Material: Steel
Colour: White, RAL 9010 as standard
Unit weight: 3.4 kg (7.49 lbs.)



Extension cable traverse trolley

Prod. no: _____ 50400049

Intended use: ____ For traverse trolleys 50400251-252



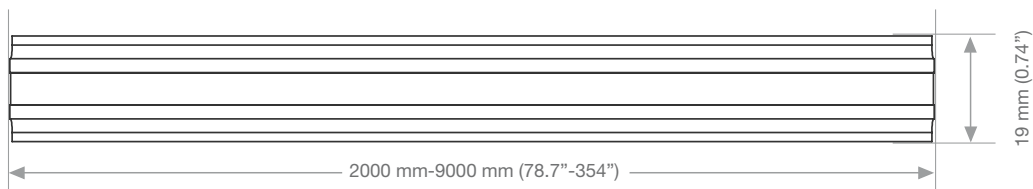
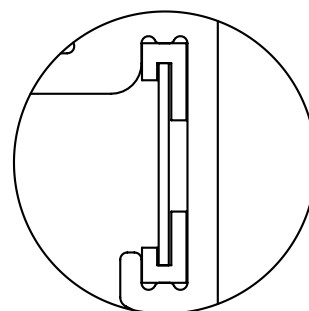
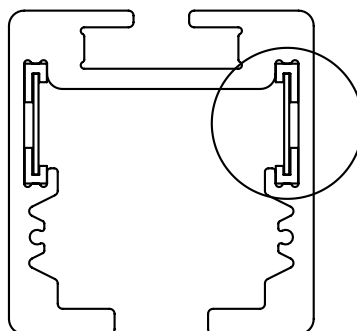
Conductor rail and insulator

Prod. no: _____ 50400169 = 2000 mm
 50400170 = 3000 mm
 50400171 = 4000 mm
 50400172 = 5000 mm
 50400173 = 6000 mm
 50400174 = 7000 mm
 50400175 = 8000 mm
 50400176 = 9000 mm

Material: _____ Plastic / aluminium

Unit weight: _____ 0.1 kg / m
 (0.22 lbs / 39.4 inch.)

Intended use: ____ Rail 64, Rail 120, Rail 160



MilkyWay straight rails

| Art. No. | Product name | Description | Unit |
|----------|---------------|---|-------|
| 50400262 | Rail 64-1600 | 64 x 60 mm / 2.52" x 2.36", 1600 mm / 62.99". | 1 Pce |
| 50400263 | Rail 64-1800 | 64 x 60 mm / 2.52" x 2.36", 1800 mm / 70.87". | 1 Pce |
| 50400264 | Rail 64-2000 | 64 x 60 mm / 2.52" x 2.36", 2000 mm / 78.74". | 1 Pce |
| 50400265 | Rail 64-2200 | 64 x 60 mm / 2.52" x 2.36", 2200 mm / 86.61". | 1 Pce |
| 50400266 | Rail 64-2400 | 64 x 60 mm / 2.52" x 2.36", 2400 mm / 94.49". | 1 Pce |
| 50400267 | Rail 64-2600 | 64 x 60 mm / 2.52" x 2.36", 2600 mm / 102.36". | 1 Pce |
| 50400268 | Rail 64-2800 | 64 x 60 mm / 2.52" x 2.36", 2800 mm / 110.24". | 1 Pce |
| 50400269 | Rail 64-3000 | 64 x 60 mm / 2.52" x 2.36", 3000 mm / 118.11". | 1 Pce |
| 50400270 | Rail 64-3500 | 64 x 60 mm / 2.52" x 2.36", 3500 mm / 137.80". | 1 Pce |
| 50400271 | Rail 64-4000 | 64 x 60 mm / 2.52" x 2.36", 4000 mm / 157.48". | 1 Pce |
| 50400272 | Rail 64-4500 | 64 x 60 mm / 2.52" x 2.36", 4500 mm / 177.17". | 1 Pce |
| 50400273 | Rail 64-5000 | 64 x 60 mm / 2.52" x 2.36", 5000 mm / 196.85". | 1 Pce |
| 50400274 | Rail 64-5500 | 64 x 60 mm / 2.52" x 2.36", 5500 mm / 216.54". | 1 Pce |
| 50400275 | Rail 64-6000 | 64 x 60 mm / 2.52" x 2.36", 6000 mm / 236.22". | 1 Pce |
| 50400276 | Rail 64-7000 | 64 x 60 mm / 2.52" x 2.36", 7000 mm / 275.59". | 1 Pce |
| 50400277 | Rail 120-2000 | 120 x 60 mm / 4.72" x 2.36", 2000 mm / 78.74". | 1 Pce |
| 50400278 | Rail 120-2600 | 120 x 60 mm / 4.72" x 2.36", 2600 mm / 102.36". | 1 Pce |
| 50400279 | Rail 120-2800 | 120 x 60 mm / 4.72" x 2.36", 2800 mm / 110.24". | 1 Pce |
| 50400280 | Rail 120-3000 | 120 x 60 mm / 4.72" x 2.36", 3000 mm / 118.11". | 1 Pce |
| 50400281 | Rail 120-3200 | 120 x 60 mm / 4.72" x 2.36", 3200 mm / 125.98". | 1 Pce |
| 50400282 | Rail 120-3400 | 120 x 60 mm / 4.72" x 2.36", 3400 mm / 133.86". | 1 Pce |
| 50400283 | Rail 120-3600 | 120 x 60 mm / 4.72" x 2.36", 3600 mm / 141.73". | 1 Pce |
| 50400284 | Rail 120-3800 | 120 x 60 mm / 4.72" x 2.36", 3800 mm / 149.61". | 1 Pce |
| 50400285 | Rail 120-4000 | 120 x 60 mm / 4.72" x 2.36", 4000 mm / 157.48". | 1 Pce |
| 50400286 | Rail 120-4200 | 120 x 60 mm / 4.72" x 2.36", 4200 mm / 165.35". | 1 Pce |
| 50400287 | Rail 120-4400 | 120 x 60 mm / 4.72" x 2.36", 4400 mm / 173.23". | 1 Pce |
| 50400288 | Rail 120-4600 | 120 x 60 mm / 4.72" x 2.36", 4600 mm / 181.10". | 1 Pce |
| 50400289 | Rail 120-4800 | 120 x 60 mm / 4.72" x 2.36", 4800 mm / 188.98". | 1 Pce |
| 50400290 | Rail 120-5000 | 120 x 60 mm / 4.72" x 2.36", 5000 mm / 196.85". | 1 Pce |
| 50400291 | Rail 120-5500 | 120 x 60 mm / 4.72" x 2.36", 5500 mm / 216.54". | 1 Pce |
| 50400292 | Rail 120-6000 | 120 x 60 mm / 4.72" x 2.36", 6000 mm / 236.22". | 1 Pce |
| 50400293 | Rail 120-6500 | 120 x 60 mm / 4.72" x 2.36", 6500 mm / 255.91". | 1 Pce |
| 50400294 | Rail 120-7000 | 120 x 60 mm / 4.72" x 2.36", 7000 mm / 275.59". | 1 Pce |
| 50400295 | Rail 160-5000 | 160 x 60 mm / 6.30" x 2.36", 5000 mm / 196.85". | 1 Pce |
| 50400296 | Rail 160-5500 | 160 x 60 mm / 6.30" x 2.36", 5500 mm / 216.54". | 1 Pce |
| 50400297 | Rail 160-6000 | 160 x 60 mm / 6.30" x 2.36", 6000 mm / 236.22". | 1 Pce |
| 50400298 | Rail 160-6500 | 160 x 60 mm / 6.30" x 2.36", 6500 mm / 255.91". | 1 Pce |
| 50400299 | Rail 160-7000 | 160 x 60 mm / 6.30" x 2.36", 7000 mm / 275.59". | 1 Pce |

MilkyWay rail curves

| Art. No. | Product name | Description | Unit |
|----------|----------------------|---|-------|
| 50400232 | Rail curve 64-15 W | 15°, 64 x 60 mm/ 2.5" x 2.4", (R760). | 1 Pce |
| 50400231 | Rail curve 64-22.5 W | 22.5°, 64 x 60 mm/ 2.5" x 2.4", (R760). | 1 Pce |
| 50400227 | Rail curve 64-45 W | 45°, 64 x 60 mm/ 2.5" x 2.4", (R760). | 1 Pce |
| 50400228 | Rail curve 64-90 W | 90°, 64 x 60 mm/ 2.5" x 2.4", (R760). | 1 Pce |

MilkyWay switches

| Art. No. | Product name | Description | Unit |
|----------|--------------------------------|--|-------|
| 50400141 | Shunting rail electrical left | Electrical rail switch, left. | 1 Pce |
| 50400142 | Shunting rail electrical right | Electrical rail switch, right. | 1 Pce |
| 50400233 | Turntable | Electrical, 4-point, adjustable. | 1 Pce |
| 50400234 | Turntable | Manual, 4-point, adjustable. | 1 Pce |
| 50400226 | Transition gate manual 64-64 | Manual, for connecting Rail 64 to Rail 64. | 1 Pce |
| 50400237 | Transition gate manual 120-120 | Manual, for connecting Rail 120 to Rail 120. | 1 Pce |
| 50400238 | Transition gate manual 64-120 | Manual, for connecting Rail 64 to Rail 120. | 1 Pce |

MilkyWay ceiling fixtures - brackets

| Art. No. | Product name | Description | Unit |
|----------|--------------------------|---|-------|
| 50400319 | Ceiling bracket standard | 28 x 191 mm/ 1.10" x 7.52", incl. fixings. | 1 Set |
| 50400039 | Universal bracket 55 | 55 x 202 mm/ 2.16" x 7.95", incl. fixings. | 1 Set |
| 50400236 | Ceiling bracket quick | Ø 60 x 18 mm/ 2.36" x 0.71", incl. fixings. | 1 Set |

MilkyWay ceiling fixtures - pendants

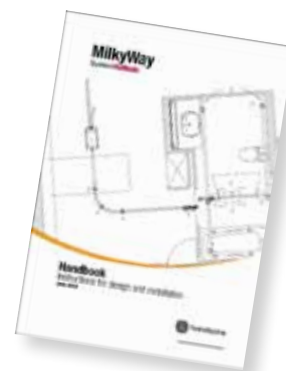
| Art. No. | Product name | Description | Unit |
|----------|--------------------------|---|-------|
| 50400163 | Pendant F55 | 55-75 mm/ 2.2"-2.9", incl. fixings. | 1 Set |
| 50400164 | Pendant F105 | 105-125 mm/ 4.1"-4.9", incl. fixings. | 1 Set |
| 50400165 | Pendant F150 | 150-170 mm/ 5.9"-6.7", incl. fixings. | 1 Set |
| 50400078 | Pendant R190-320 | 190-320 mm/ 7.5"-12.6", incl. fixings. | 1 Set |
| 50400079 | Pendant R290-470 | 290-470 mm/ 11.4"-18.5", incl. fixings. | 1 Set |
| 50400080 | Pendant R420-730 | 420-730 mm/ 16.5"-28.7", incl. fixings. | 1 Set |
| 50400081 | Pendant R680-1250 | 680-1250 mm/ 26.8"-49.2", incl. fixings. | 1 Set |
| 50400082 | Pendant R1200-2290 | 1200-2290 mm/ 47.2"-90.2", incl. fixings. | 1 Set |
| 50400301 | Pendant angled 190-320 | 190-320 mm/ 7.5"-12.6", 0-180°, incl. fixings. | 1 Set |
| 50400302 | Pendant angled 290-470 | 290-470 mm/ 11.4"-18.5", 0-180°, incl. fixings. | 1 Set |
| 50400303 | Pendant angled 420-730 | 420-730 mm/ 16.5"-28.7", 0-180°, incl. fixings. | 1 Set |
| 50400304 | Pendant angled 680-1250 | 680-1250 mm/ 26.8"-49.2", 0-180°, incl. fixings. | 1 Set |
| 50400305 | Pendant angled 1200-2290 | 1200-2290 mm/ 47.2"-90.2", 0-180°, incl. fixings. | 1 Set |
| 50400192 | Threaded rod support kit | M10, 200-500 mm/ 7.9"-19.7". | 1 Set |

MilkyWay wall fixtures for free bearing rail systems

| Art. No. | Product name | Description | Unit |
|----------|---------------------------------|--|-------|
| 50400119 | Wall bracket small | 204 x 60 mm/ 8" x 2.4", incl. fixings. | 1 Set |
| 50400120 | Wall bracket wide | 94 x 200 mm/ 3.7" x 7.8", incl. fixings. | 1 Set |
| 50400159 | Wall bracket (plaster) | 250 x 400 mm/ 9.8" x 15.7", incl. fixings. | 1 Set |
| 50400121 | Wall bracket parallel | 98 x 150 mm/ 3.9" x 5.9", incl. fixings. | 1 Set |
| 50400160 | Wall bracket parallel (plaster) | 153 x 300 mm/ 6" x 11.8", incl. fixings. | 1 Set |
| 50400190 | Vertical support adjustable | 2230-2300 mm/ 87.8"- 90.6", incl. fixings. | 1 Set |
| 50400242 | Vertical support adjustable | 3015-3085 mm/ 118.7"- 121.5", incl. fixings. | 1 Set |

MilkyWay accessories and installation equipment

| Art. No. | Product name | Description | Unit |
|----------|----------------------------------|---|--------|
| 50400036 | Endstop adjustable | For all MilkyWay rails. | 1 Pce |
| 50400026 | Endstop bolt M8 | M8 x 70 mm/ 2.8", for all MilkyWay rails. | 1 Pce |
| 50400027 | Endstop bolt M8 | M8 x 70 mm/ 2.8", with rubber bumper, for all MilkyWay rails. | 1 Pce |
| 50400158 | Endcap 64 | For Rail 64. | 1 Pce |
| 50400154 | Endcap 120 | For Rail 120. | 1 Pce |
| 50400155 | Endcap 160 | For Rail 160. | 1 Pce |
| 50400316 | Joint bracket | Fixture for connecting of rails and/or rail curves, incl. fixings. | 1 Set |
| 50400193 | Clamp bracket kit | Fixture for mounting of rails on top of brackets and traverse trolleys, incl. fixings. | 1 Set |
| 50400235 | Coach bolt | 2 pcs M10 x 30 mm, incl. washers and nuts, for MilkyWay rail fixtures. | 1 Set |
| 50400306 | Shim 0.5 | Spacer 0.5 mm. For Ceiling bracket standard, 50400319 and Universal bracket 55, 50400039. | 20 Pcs |
| 50400307 | Shim 1.0 | Spacer 1.0 mm. For Ceiling bracket standard, 50400319 and Universal bracket 55, 50400039. | 20 Pcs |
| 50400308 | Shim 2.0 | Spacer 2.0 mm. For Ceiling bracket standard, 50400319 and Universal bracket 55, 50400039. | 20 Pcs |
| 50400309 | Shim 3.0 | Spacer 3.0 mm. For Ceiling bracket standard, 50400319 and Universal bracket 55, 50400039. | 20 Pcs |
| 50400310 | Shim quick 0.5 | Spacer 0.5 mm. For Ceiling bracket quick, 50400236. | 20 Pcs |
| 50400311 | Shim quick 1.0 | Spacer 1.0 mm. For Ceiling bracket quick, 50400236. | 20 Pcs |
| 50400312 | Shim quick 2.0 | Spacer 2.0 mm. For Ceiling bracket quick, 50400236. | 20 pcs |
| 50400075 | Side support kit | For pendants. | 1 Set |
| 50400313 | Pendant cover 28-38 | For all variants of Pendant F. | 1 Pce |
| 50400314 | Pendant cover 40-50 | For all variants of Pendant R and Pendant angled. | 1 Pce |
| 50400315 | Pendant cover 50 | Accessory for Pendant cover 50400313, 50400314. For all variants of Pendant R and Pendant angled (ceiling-part). | 1 Pce |
| 50400191 | Vertical support adjustable kit | For Vertical support adjustable, 50400190, 50400242. For walls with skirting boards, build-in dimension 135 mm/ 5.3". | 1 Set |
| 50400318 | Extension rail | Extends Rail 120/Rail 160 by up to 300 mm, incl. locking plate and fixings. | 1 Set |
| 50400251 | Traverse trolley 3000 flex | In-rail charging/end point charging, 1 pair, incl fixings. | 1 Set |
| 50400252 | Traverse trolley 6500 flex | In-rail charging/end point charging, 1 pair, incl fixings. | 1 Set |
| 70200049 | Extension cable traverse trolley | For traverse trolleys 50400251, 50400252. | |
| 50400169 | Conductor rail and insulator 2 | In-rail charging, 2000 mm/ 78.74". | 1 Pair |
| 50400170 | Conductor rail and insulator 3 | In-rail charging, 3000 mm/ 118.11". | 1 Pair |
| 50400171 | Conductor rail and insulator 4 | In-rail charging, 4000 mm/ 157.48". | 1 Pair |
| 50400172 | Conductor rail and insulator 5 | In-rail charging, 5000 mm/ 196.85". | 1 Pair |
| 50400173 | Conductor rail and insulator 6 | In-rail charging, 6000 mm/ 236.22". | 1 Pair |
| 50400174 | Conductor rail and insulator 7 | In-rail charging, 7000 mm/ 275.59". | 1 Pair |
| 50400175 | Conductor rail and insulator 8 | In-rail charging, 8000 mm/ 314.96". | 1 Pair |
| 50400176 | Conductor rail and insulator 9 | In-rail charging, 9000 mm/ 354.33". | 1 Pair |



More information

For more information about MilkyWay; instructions for design and installation and step-by-step examples of different types of installations, please consult the "MilkyWay Handbook" document or contact your local Handicare and SystemRoMedic™ partner. All contact details can be found on our website, www.handicare.com.

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handicare

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