Panels, Panel Mounting & Other Accessories

Wire mesh guarding on assembly conveyor line

Machine safety enclosure using Lexan panels
Rail Carts for 80x40 Rail Profile

Application
Designed for use in 80x40 Rail Profile 14-248. Rail carts used for hanging and sliding doors and other hanging components such as on a work station. In addition, 4-roller cart can also be used for folding doors. Attachment to components with a variety of fasteners.

Technical Data
Housing: Al Wheel: Delrin w/ needle roller bearing Washer: Nylon
Max. load for 23-201: 220 N (50 lbs)

Hardware included with 23-202: M5x6x50 shoulder bolt, M6 washer, teflon tubing and 3mm spacer

Description
8-Roller Rail Cart 4-Roller Rail Cart 4-Roller Rail Cart w/ Fastening Set
Profile 80x40 Rail Transport

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Weight</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-Roller Rail Cart</td>
<td>1 set</td>
<td>0.20 kg</td>
<td>23-200</td>
</tr>
<tr>
<td>4-Roller Rail Cart</td>
<td>1 pc</td>
<td>0.45 g</td>
<td>23-201</td>
</tr>
<tr>
<td>4-Roller Rail Cart w/ Fastening Set</td>
<td>1 set</td>
<td>0.64 g</td>
<td>23-202</td>
</tr>
</tbody>
</table>

Profile 80x40 Rail Transport cut off max. 6M 4.19 kg/m 14-248
**Door Guide System**

**Application**
Door guides are used to build doors that operate between two vertical 40 series profiles. The weight of the door may be counter-balanced by one or two counterweights that are connected to the door space with door guides, timing belt 25T10 and reversing unit 40. The size of the counterweight is determined by the weight of the door. The operation of the door may be motorized by attachment of a suitable drive to one of the reversing units.

**Counterweights**
Duct wall support and wall profiles are used to build the counterweight. A closure plate attached with four M6 Profile-to-Wall Fasteners forms the bottom of the counterweight. Heavy metal scrap may be used as filler material. Suitable conduit cap is used to close the top of the counterweight.

**Closure Plate**
St, black epoxy finish
Complete with fastening set

**Technical Data**
Door Guide: Polyoxymethylene, black
Complete with the following:
Steel plate insert, M6x25 BHCS, M6 T-slot nut St, three M6x25 SHCS, and three M6 hex nuts

<table>
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<th>Description</th>
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<th>Weight</th>
<th>Part #</th>
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</thead>
<tbody>
<tr>
<td>Door Guide</td>
<td>1 set</td>
<td>.12 kg</td>
<td>23-055</td>
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<tr>
<td>Closure Plate 80x80</td>
<td>1 set</td>
<td>.48 kg</td>
<td>21-155</td>
</tr>
<tr>
<td>Closure Plate 160x80</td>
<td>1 set</td>
<td>.96 kg</td>
<td>21-156</td>
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</tbody>
</table>
Sliding-Door Guide

Application
For constructing sliding door of 32x18 Bi-slot profile. One set required for each sliding door. Guides attach to door frame through 7mm mounting bore.

Technical Data
Polyoxymethylene, black
Spring/ Spring Bolt: St

Set includes four guides - two left, two right

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<th>Weight</th>
<th>Part #</th>
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</thead>
<tbody>
<tr>
<td>Sliding-Door Guides for 32x18 Bi-slot</td>
<td>1 set</td>
<td>36 g</td>
<td>23-054</td>
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</table>
Sliding Door Set

**Application**
For constructing a sliding door of 40 series profiles. Two 185mm long support members are attached to the sliding frame with Universal Fasteners. 65mm long member is attached to vertical post with one Universal Fastener. Roller holders are attached with Double T-slot nut 40 and SHCS.

**Technical Data**
Construction kit: Al, clear anodized Fully machined and ready for assembly.
Includes: four Roller Holders, four Rollers PA, three Supporting members 40x40 std fastening hardware and end caps.

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Part #</th>
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<tbody>
<tr>
<td>Sliding Door Set</td>
<td>1 set</td>
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</tbody>
</table>

**Roller 20**

**Application**
Versatile caster for mounting 20 Series profiles. Panel or in profile mounting for rolling door applications.

**Technical Data**
Polyoxymethylene, black
Includes Bearing Hub St, black with washer, galvanized
Max. force 50 N (11 lbs)

<table>
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<tbody>
<tr>
<td>Roller 20</td>
<td>1 pc</td>
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</table>
Roller 40

**Application**

Versatile ball bearing roller which can be mounted in the T-slot. Roller has asymmetric design for various clearance dimensions such as on sliding doors and panels.

**Technical Data**

Glass-filled nylon, black complete with two deep groove ball bearings with dust covers and two M6 flat washers

Max. load 150 N (34 lbs)

**Description**

<table>
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<th>Description</th>
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<tbody>
<tr>
<td>Roller PA 40</td>
<td>1 pc</td>
<td>32 g</td>
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<tr>
<td>Shoulder Bolt M5x6x25</td>
<td>1 pc</td>
<td>32 g</td>
<td>800.17</td>
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</table>
Roller 25 Insert

1. Rolling door constructed with 28 series profiles guided on top with UHMW strip 12-410
2. Two bypassing covers constructed with 28 series profiles rolling on a pair 30x60 profiles.
3. Clearance dimensions
4. Required machining for mounting roller insert to a 40, 30, or 28 series profile.

Application
Versatile roller insert for rolling door applications can be attached to any 40, 30, or 28 series profile (machining is required). Step roller can be used for sliding panel applications.

Technical Data
Roller: Delrin, black
Housing: Al, anodized
Pin: SS

Order all hardware separately.
40 series: M6x14 SHCS (24-314-6) and M6 Offset Economy T-Nut (20-190)
30 series: M6x12 SHCS (24-312-6) and M6 Offset Economy T-Nut (20-190)
28 series: M6x10 SHCS (24-310-6) and M6 Offset Economy T-Nut (20-190)

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<tbody>
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<td>Roller 25 Insert</td>
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<td>21-065</td>
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<tr>
<td>Step Roller 25</td>
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<td>8 g</td>
<td>21-065z1</td>
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