TANDEM plus BLUMOTION 563F

Application

New features
- Four-dimensional adjustment
- Elongated holes for depth adjustment
- Bottom mount holes on 15", 18" and 21"
- 100 lb static load capacity

Description
- Full extension concealed drawer runners
- Face frame or panel cabinets
- BLUMOTION soft closing
- TANDEM smooth running action
- Available in 9" to 21" lengths
- 16 (5/8") to 19 (3/4") drawer thickness
- Made in the USA

Other applications

Inset drawer pg 22
Narrow drawer pg 24
Roll-out shelf pg 23
Bottom mount pg 29

Components

Runner set

One set required per drawer

<table>
<thead>
<tr>
<th>Overall cabinet depth</th>
<th>Drawer length</th>
<th>TANDEM plus BLUMOTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>610 (24&quot;)</td>
<td>533 (21&quot;)</td>
<td>563F5330B</td>
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<tr>
<td>533 (21&quot;)</td>
<td>457 (18&quot;)</td>
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<tr>
<td>305 (12&quot;)</td>
<td>229 (9&quot;)</td>
<td>563F2290B10</td>
</tr>
</tbody>
</table>

Wood screw for installation
- 606N or 606P

System screw for installation
- 662.1150.HG

Side adjustable locking device

- One right and one left required per drawer
- With side-to-side adjustment
- Captive right and self-aligning left device
- Self-adjusting drawer length tolerance
- Steel base with synthetic, spring-loaded release levers
- Minimum inside drawer width 170 (6-11/16")
- Height adjustment +3 (1/8")
- Side adjustment ±1.5 (1/16")
- For use with 563/569 series runners only
- For other options see page 32

Part no.
- Right locking device
- T51.1901 R

Installation
- Left locking device
- T51.1901 L

Installation screw
- 606N or 606P

Rear mounting bracket for frame cabinets

For use when installing TANDEM runners in face frame cabinets. Not necessary for panel cabinet installation.

- Two required per drawer
- Depth and lateral self-alignment
- Zinc-coated steel
- For 9" TANDEM rear attachment options see page 35

Part no.
- Non-handed bracket
- 295.3750.01

Installation screw
- 606N or 606P

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Drawer and cabinet specifications

**Drawer box specifications**

**Front view**

- Opening width
- 6 (1/4") minimum top clearance
- Opening width minus 49
- 24.5 (31/32")
- Drawer side thickness
- Maximum 19 (3/4")
- Maximum drawer height = opening minus 20 (25/32")
- 13 (1/2") bottom recess
- 14 (9/16") bottom clearance

**NOTE:** Material thickness may vary. Inside drawer width must equal opening width minus 49 for TANDEM to align and function properly.

**Drawer back preparation**

**Rear view**

- Rear mounting bracket
- 295.3750.01
- 606N or 606P
- 562.1150.HG

- Minimum 606N or 606P screws
- Ø 6 x 10 bore for hook
- 35 (1-3/16") minimum rear notch

**Rear mounting bracket**

**Front view**

- 21 (13/16")
- 16 (15/32")
- 12 (15/32")
- 14 (9/16")
- 2 (5/32")
- Face frame rail
- Face frame stile
- 32 (1-1/4")
- 34 (1-11/32")
- 37 (1-15/32")

**NOTE:** For frame applications, use a minimum of three screws per bracket.

**Runner mounting specifications**

**Side view**

- Rear mounting bracket
- 295.3750.01
- 606N or 606P

- Inside cabinet depth with rear attachment maximum
- 599 (23-19/32")
- 557 (21-15/16")
- 548 (21-9/16")
- 261 (10-9/32")
- 517 (20-11/32")

- Runner length
- 32 (1-1/4")
- 34 (1-11/32")
- 37 (1-15/32")
- 25 (31/32")
- 37 (1-15/32")

**NOTE:** The orange dots indicate fixing screw locations required to meet specified load ratings.

**NOTE:** Elongated holes are for ±4.5 (3/16") depth adjustment only. Additional screws must be used to secure the runner to the cabinet.

<table>
<thead>
<tr>
<th>TANDEM plus BLUMOTION</th>
<th>drawer length</th>
<th>inside cabinet depth with rear attachment maximum</th>
<th>minimum</th>
<th>runner length</th>
<th>screw locations for panel cabinets</th>
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<td>522 (20-9/16&quot;)</td>
<td>480 (18-29/32&quot;)</td>
<td>471 (18-17/32&quot;)</td>
<td>A 261 (10-9/32&quot;) B 453 (17-27/32&quot;)</td>
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<tr>
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<td>381 (15&quot;)</td>
<td>446 (17-9/16&quot;)</td>
<td>404 (15-29/32&quot;)</td>
<td>395 (15-9/16&quot;)</td>
<td>A 165 (6-1/2&quot;) B 357 (14-1/16&quot;)</td>
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**Dimensions in millimeters (inch equivalents as noted)**

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