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<td>ACTUATOR OD 100 AW</td>
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<td>ACTUATOR OD 100 WITH MECHANICAL LOCK</td>
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<tr>
<td>3</td>
<td>3_2_3</td>
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</table>

**Type:** Door actuators OD 100

**Function:** They are used for closing and opening of vehicle doors by means of pressure air. Type P is used for the control of right doors when viewing from outside the bus (type L is used for the left door). When viewing from above, the output shaft turns clockwise (that of L type turns anticlockwise when air is applied to the bottom cover).

**Construction:** Linear pneumatic motor Ø 100 with a gear unit changing the linear motion to the rotational motion of the output shaft.
# ACTUATOR OD 100 AW

<table>
<thead>
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<td>3_2_1_2</td>
<td>ACTUATOR OD 100 PT AW</td>
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**Type:** Door actuators OD 100 AW  
**Function:** Serves for doors opening and closing - pressure air operated (e.g. busses, coaches...). They are equipped by two microswitches for door positions control and once for revers alerting. Allows movement damping in end positions. Door leaf is locked in end positions by lift and mechanical locks (wedges).  
**Output shaft torque:** min. 100 Nm on closing, 280 Nm on the end of closing (5° before end)  
**Output shaft rot. angle:** 137°; 145°, 160°  
**Output shaft lift:** 13 mm  
**Construction:** Linear cylinder Ø 100 with transmissions of linear motion up to rotary motion of output shaft.  
**Construction materials:** Steel class. 11, stainless steel, Al alloy, Cu alloy, plastics, oil-resistant rubber  
**Nominal pressure:** 0,8 MPa  
**Min. medium pressure:** 0,3 MPa  
**Max. medium pressure:** 1 MPa  
**Environment temperature:** -40°C to +60°C  
**Medium temperature:** 0°C to +55°C  
**Working positions:** Vertical
Supplied versions

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<th>Part Nr.</th>
<th>Name</th>
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Type: Door actuator OD 100 LT AW 145°

Output shaft turning angle: min 145°

Connection: 3 screws M10 through bracket, thread M60x1, Ø42 for arm sleeves, and gear clutch on the output shaft

Medium connection: Tube Ø6 (Ø6)
Type: Door actuator OD 100 LT AW 145°

Output shaft turning angle: min 145°

Connection: 3 screws M10 through bracket, thread M6x1, Ø42 for arm sleeves, and gear clutch on the output shaft

Medium connection: Tube Ø6
**Type:** Door actuator OD 100 LT AW 145°

**Output shaft turning angle:** min 145°

**Connection:** 3 screws M10 through bracket, thread M60x1, Ø42 for arm sleeves, and gear clutch on the output shaft

**Medium connection:** Tube Ø6 (Ø8)

---

23300580 - OD 100 LT AW 145° + ELBOWS 6/4, 6/8
Type: Door actuator OD 100 LT AW 145°

Output shaft turning angle: min 145°

Connection: 3 screws M10 through bracket, thread M60x1, Ø42 for arm sleeves, and gear clutch on the output shaft

Medium connection: Tube Ø6

23300818 - OD 100 LT AW 145° + THROTTLE VALVES
Type: Door actuator OD 100 LT AW 145°

Output shaft turning angle: min 145°

Connection: 3 screws M10 through bracket, thread M6x1, Ø42 for arm sleeves, and gear clutch on the output shaft

Medium connection: Tube Ø6

23305105 - OD 100 LT AW 145° + THROTTLE VALVES, PNEU. BLOCKING
Type: Door actuator OD 100 LT AW 145°

Output shaft turning angle: min 145°

Connection: 3 screws M10 through bracket, thread M6x01, Ø42 for arm sleeves, and gear clutch on the output shaft

Medium connection: Tube Ø6

23305923 - OD 100 LT AW 145° + ELBOWS 6/4
ACTUATOR OD 100 PT AW 145°

### Supplied versions

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<td>23305106</td>
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### Type:
Door actuator OD 100 PT AW 145°

### Output shaft turning angle:
min 145°

### Connection:
3 screws M10 through bracket, thread M60x1, Ø42 for arm sleeves, and gear clutch on the output shaft

### Medium connection:
Tube Ø6 (Ø8)
**Type:** Door actuator OD 100 PT AW 145°

**Output shaft turning angle:** min 145°

**Connection:** 3 screws M10 through bracket, thread M6x1, Ø42 for arm sleeves, and gear clutch on the output shaft

**Medium connection:** Tube Ø6 (Ø8)

---

**Diagram:**

- REVERSE OFF SWITCH
- DOOR CLOSED SIGNAL SWITCH
- REVERSE SWITCH
- OD 100 AW

---

**Dimensions:**

- Ø60
- Ø37
- Ø42
- Ø6
- Ø8
- 141.8
- 132
- 110.5
- 56
- 4.5
- 90
- 22
- 60
- 144.4
- 168.1
- 266.7
**Type:**
- Door actuator OD 100 PT AW 145°

**Output shaft turning angle:**
- min 145°

**Connection:**
- 3 screws M10 through bracket, thread M60x1, Ø42 for arm sleeves, and gear clutch on the output shaft

**Medium connection:**
- Tube Ø6

---

**Diagram:**
- Diagram of the door actuator OD 100 PT AW 145° with dimensions and labels:
  - REV reverse switch
  - Door closed signal switch
  - OD 100 AW

---

23300819 - OD 100 PT AW 145° + THROTTLE VALVES
Type: Door actuator OD 100 PT AW 145°

Output shaft turning angle: min 145°

Connection: 3 screws M10 through bracket, thread M60x1, Ø42 for arm sleeves, and gear clutch on the output shaft

Medium connection: Tube Ø6

23300860 - OD 100 PT AW 145° + THROTTLE VALVES
Type: Door actuator OD 100 PT AW 145°

Output shaft turning angle: min 145°

Connection: 3 screws M10 through bracket, thread M6x1, Ø42 for arm sleeves, and gear clutch on the output shaft

Medium connection: Tube Ø6

23305106 - OD 100 PT AW 145° + THROTTLE VALVES, PNEU. BLOCKING
Type: Door actuator OD 100 PT AW 145°

Output shaft turning angle: min 145°

Connection: 3 screws M10 through bracket, thread M60x1, Ø42 for arm sleeves, and gear clutch on the output shaft

Medium connection: Tube Ø6

Page 32_12_5
**Type:**
Door actuators OD 100 with dampening and mechanical blocking

**Function:**
They are used for opening and closing of vehicle doors by means of pressure air. They are equipped with two microswitches for signalling the output shaft position, and one microswitch for reverse motion signalling, blocking the door leaf during travel by means of stroke in final phase of closing (combined with WEDGES 3.6.3). They damp motion in end positions. In closed position, the cylinder motion is blocked mechanically; deblocking is carried out pneumatically at door opening, or by a cable at emergency opening.

**Output torque:**
min. 140 Nm in closing, 280 Nm at the end of closing (5° before stop)

**Turning angle:**
145°

**Output shaft lift:**
13 mm

**Design:**
Linear pneumatic motor Ø100 with a gear unit transforming linear motion to rotational motion of the output shaft

**Materials:**
Steel grade 11, stainless steel, Al alloy, Cu alloy, plastics, oil resistant rubber

**Nominal pressure:**
0,8 MPa

**Minimum pressure:**
0,3 MPa

**Maximum pressure:**
1 MPa

**Environment temperature:**
-40°C to +60°C

**Medium temperature:**
0°C to +55°C

**Working position:**
Vertical

---

**ACTUATOR OD 100 WITH MECHANICAL LOCK**

---

**Pos.** **Page** **Name**

| 1 | 3_2_2_1 | ACTUATOR OD 100 LTB 145° |
| 2 | 3_2_2_2 | ACTUATOR OD 100 PTB 145° |

---

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Poličské strojírny a.s.
Bořiny 1145, Polička 572 01, Czech Republic

036'RRU3DUWV&DWDORJHPDLOPSV#SRVF\]WHO

$&78$7252':,7+0(&+$1,&$//2&.
Type: Door actuator OD 100 LTB 145° with mech. blocking
Output shaft turning angle: min 145°
Connection: 3 screws M10 through bracket, thread M60x1, Ø42 for arm sleeves, and gear clutch on the output shaft
Medium connection: Tube 6/4
Other functions: Automatic mechanical locking of closed door, automatic unlocking

23304804 - ACTUATOR OD 100 LTB 145°
### Type:
Door actuator OD 100 PTB 145° with mech. blocking

### Output shaft turning angle:
min 145°

### Connection:
3 screws M10 through bracket, thread M60x1, Ø42 for arm sleeves, and gear clutch on the output shaft

### Medium connection:
Tube 6/4

### Other functions:
Automatic mechanical locking of closed door, automatic unlocking

---

**23300525 - ACTUATOR OD 100 PTB 145°**
**Type:**
Door actuators OD 100 with dampening

**Function:**
They are used for opening and closing of vehicle doors by means of pressure air. They are equipped with two microswitches for signalling the output shaft position, and one microswitch for reverse motion signalling, blocking the door leaf during travel by means of stroke in final phase of closing (combined with WEDGES 3_6_3). They damp motion in end positions. In closed position.

**Output torque:**
min. 140 Nm in closing, 280 Nm at the end of closing (5° before stop)

**Turning angle:**
145°

**Output shaft lift:**
13 mm

**Design:**
Linear pneumatic motor Ø100 with a gear unit transforming linear motion to rotational motion of the output shaft

**Materials:**
Steel grade 11, stainless steel, Al alloy, Cu alloy, plastics, oil resistant rubber

**Nominal pressure:**
0,8 MPa

**Minimum pressure:**
0,3 MPa

**Maximum pressure:**
1 MPa

**Environment temperature:**
-40°C to +60°C

**Medium temperature:**
0°C to +55°C

**Working position:**
Vertical

---

**ACTUATOR OD 100**

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<td>3_2_3_2</td>
<td>ACTUATOR OD 100 PT 145°</td>
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Type: Door actuator OD 100 LT 145°

Output shaft turning angle: min 145°

Connection: 3 screws M10 through bracket, thread M60x1, Ø42 for arm sleeves, and gear clutch on the output shaft

Medium connection: Tube 6/4

23304683 - ACTUATOR OD 100 LT 145°
**Type:** Door actuator OD 100 PT 145°

**Output shaft turning angle:** min 145°

**Connection:** 3 screws M10 through bracket, thread M60x1, Ø42 for arm sleeves, and gear clutch on the output shaft

**Medium connection:** Tube 6/4

---

**23304682 - ACTUATOR OD 100 PT 145°**
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<td>6</td>
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<td>KEY FOR BLOCKING</td>
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**Type:** Accessories of the actuator OD 100

**Function:** Ensure proper function and protection of the actuator in service

ACCESSORIES OF ACTUATOR OD 100
**Supplied configurations**

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</table>

Other dimensions and colours upon request mps@pos.cz

**Type:** Distance tube

**Function:** Actuator connection with rod tension and upper bracket.

**Design:** Weldment, surface protection with KOMAXIT

**Materials:** Steel grade 11

**Connection:** Gear clutch on the actuator 3_2 (fastening with cap nut 3_3_3), hole for tension 3_3_2 insertion.

**DETAIL B**

MOš DOKO 1 : 2

**DISTANCE TUBE**
Supplied versions

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Other dimensions upon request mps@pos.cz

Bolt type

C - CAP (for M16 bolt only)

DETAIL A

MO5 ŽK0 2 : 1

GROOVE

Type: Rod tension

Function: It enables actuator reverse force setting, actuator stroke, connects the actuator (3_2) and the distance tube (3_3_1) with the frame.

Design: Fixed and movable parts connected by a spring.

Materials: Steel grade 11, Cu alloy, plastics, oil resistant rubber

Note.: The groove on the movable part can be used for preliminary setting of the spring prestressing in reverse setting.
Note.: The groove on the movable part can be used for preliminary setting of the spring prestressing in reverse setting.

Type: Rod tension

Function: It enables actuator reverse force setting, actuator stroke, connects the actuator (3_2) and the distance tube (3_3_1) with the frame.

Design: Fixed and movable parts connected by a spring.

Materials: Steel grade 11, Cu alloy, plastics, oil resistant rubber

Note.: The groove on the movable part can be used for preliminary setting of the spring prestressing in reverse setting.
Type: Rod tension

Function: It enables actuator reverse force setting, actuator stroke, connects the actuator (3_2) and the distance tube (3_3_1) with the frame.

Design: Fixed and movable parts connected by a spring.

Materials: Steel grade 11, Cu alloy, plastics, oil resistant rubber

Note: The groove on the movable part can be used for preliminary setting of the spring prestressing in reverse setting.
The groove on the movable part can be used for preliminary setting of the spring prestressing in reverse setting.

**Type:** Rod tension

**Function:** It enables actuator reverse force setting, actuator stroke, connects the actuator (3_2) and the distance tube (3_3_1) with the frame.

**Design:** Fixed and movable parts connected by a spring, rubber cap.

**Materials:** Steel grade 11, Cu alloy, plastics, oil resistant rubber

**Note.:** The groove on the movable part can be used for preliminary setting of the spring prestressing in reverse setting.

23411840 - ROD TENSION M16x1,5
Type: Rod tension

Function: It enables actuator reverse force setting, actuator stroke, connects the actuator (3_2) and the distance tube (3_3_1) with the frame.

Design: Fixed and movable parts connected by a spring.

Materials: Steel grade 11, Cu alloy, plastics, oil resistant rubber

Note: The groove on the movable part can be used for preliminary setting of the spring prestressing in reverse setting.
**Note:** The groove on the movable part can be used for preliminary setting of the spring prestressing in reverse setting.

**Type:** Rod tension

**Function:** It enables actuator reverse force setting, actuator stroke, connects the actuator (3_2) and the distance tube (3_3_1) with the frame.

**Design:** Fixed and movable parts connected by a spring, rubber cap.

**Materials:** Steel grade 11, Cu alloy, plastics, oil resistant rubber

**Note:** The groove on the movable part can be used for preliminary setting of the spring prestressing in reverse setting.
Type: Rod tension

Function: It enables actuator reverse force setting, actuator stroke, connects the actuator (3_2) and the distance tube (3_3_1) with the frame.

Design: Fixed and movable parts connected by a spring.

Materials: Steel grade 11, Cu alloy, plastics, oil resistant rubber

Note.: The groove on the movable part can be used for preliminary setting of the spring prestressing in reverse setting.
### Supplied configurations

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Other colours upon request mps@pos.cz

---

**Type:** Cap nut

**Function:** Connection of the distance tube with the actuator

**Materials:** Machined steel forging, powder coating

**Connection:** Thread M60x1,5

---

**CAP NUT**
<table>
<thead>
<tr>
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<th>Page</th>
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<td>3_3_4_5</td>
<td>COVER OD P AW</td>
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</table>

Type: Covers of actuator OD 100 AW L/P

Function: Prevents intrusion of rough dirt to the actuator and its functional parts in combination with Grommet 3_3_5

COVERS OF ACTUATOR OD 100 AW
Drawn part from plastic

Design:
Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2

Materials:
ABS

Connection:
2 screws M6 through holes Ø 8 to the actuator

Supplied versions

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Other version upon request mps@pos.cz

RIGHT COVER

http://www.pos.cz

MPS Door Parts Catalog

Bořiny 1145, Polička 572 01, Czech Republic

tel.: +420 461 751 518

e-mail: mps@pos.cz

Page 3_3_4_1
Type: Cover of actuator OD 100 PT AW
Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2
Design: Drawn part from plastic
Materials: ABS
Connection: 2 screws M6 through holes Ø8 to the actuator
Type: Cover of actuator OD 100 PT AW
Function: Prevents intrusion of rough dirt to the actuator 3_2_1_2_4, enables control of the blocking valve
Design: Drawn part from plastic
Materials: ABS
Connection: 2 screws M6 through holes $\phi$8 to the actuator

189-216-0357 - RIGHT COVER FOR PNEU. BLOCKING
Type: Cover of actuator OD 100 PT AW
Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2
Design: Drawn part from plastic
Materials: ABS
Connection: 2 screws M6 through holes Ø8 to the actuator

189-216-0377 - RIGHT COVER
<table>
<thead>
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<tr>
<td>Function:</td>
<td>Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2</td>
</tr>
<tr>
<td>Design:</td>
<td>Drawn part from plastic</td>
</tr>
<tr>
<td>Materials:</td>
<td>ABS</td>
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<tr>
<td>Connection:</td>
<td>2 screws M6 through holes Ø8 to the actuator</td>
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</table>
**Type:** Cover of actuator OD 100 LT AW  
**Function:** Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2  
**Design:** Drawn part from plastic  
**Materials:** ABS  
**Connection:** 2 screws M6 through holes Ø 8 to the actuator  

---

**Supplied versions**

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Other version upon request mps@pos.cz
Type: Cover of actuator OD 100 LT AW
Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2
Design: Drawn part from plastic
Materials: ABS
Connection: 2 screws M6 through holes Ø 8 to the actuator

189-216-0461 - LEFT COVER
Type: Cover of actuator OD 100 LT AW with pneu. blocking
Function: Prevents intrusion of rough dirt to the actuator 3_2_1_1_4, enables control of the blocking valve
Design: Drawn part from plastic
Materials: ABS
Connection: 2 screws M6 through holes Ø 8 to the actuator

189-216-0358 - LEFT COVER FOR PNEU. BLOCKING
Type: Cover of actuator OD 100 LT AW
Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2
Design: Drawn part from plastic
Materials: ABS
Connection: 2 screws M6 through holes Ø 8 to the actuator

189-217-0462 - LEFT COVER
Type: Cover of actuator OD 100 LT AW with pneu. blocking, lower
Function: Prevents intrusion of rough dirt to the actuator 3_2_1_1_4, enables control of the blocking valve
Design: Drawn part from plastic
Materials: ABS
Connection: 2 screws M6 through holes Ø 8 to the actuator

189-216-0366 - LEFT COVER FOR PNEU. BLOCKING, LOWER
Note: DIMENSIONS OF INNER SURFACES

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Other version upon request: mps@pos.cz

COVER OD L AW + OB

Type of bore for light

<table>
<thead>
<tr>
<th>Type:</th>
<th>Cover of actuator OD 100 LT AW + control block</th>
</tr>
</thead>
<tbody>
<tr>
<td>Function:</td>
<td>Prevents intrusion of rough dirt to the actuator 3.2, 1, 3.4, 2 and control block 3.1, 1 installed next to the actuator</td>
</tr>
<tr>
<td>Design:</td>
<td>Drawn part from plastic</td>
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<tr>
<td>Materials:</td>
<td>ABS</td>
</tr>
<tr>
<td>Connection:</td>
<td>2 screws M6 through holes Ø 8 to the actuator</td>
</tr>
</tbody>
</table>
Note: DIMENSIONS OF INNER SURFACES

Type: Cover of actuator OD 100 PT AW and control block

Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2 and control block 3_1_1 installed next to the actuator

Design: Drawn part from plastic, steel reinforcement

Materials: ABS, steel grade 11

Connection: 2 screws M6 through holes Ø8 to the actuator

23300796 - COVER OD L AW + OB
Drawn part from plastic, steel reinforcement

**Type:**
Cover of actuator OD 100 PT AW and control block

**Function:**
Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2 and control block 3_1_1 installed next to the actuator

**Design:**
Drawn part from plastic, steel reinforcement

**Materials:**
ABS, steel grade 11

**Connection:**
2 screws M6 through holes ø8 to the actuator

23305081 - COVER OD L AW + OB
**Type:** Cover of actuator OD 100 PT AW and control block

**Function:** Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2 and control block 3_1_1 installed next to the actuator

**Design:** Drawn part from plastic, steel reinforcement

**Materials:** ABS, steel grade 11

**Connection:** 2 screws M6 through holes Ø8 to the actuator

---

Note: DIMENSIONS OF INNER SURFACES

---

23305085 - COVER OD L AW + OB LE II
Note: DIMENSIONS OF INNER SURFACES

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<tr>
<td>Function:</td>
<td>Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2 and control block 3_1_1 installed next to the actuator</td>
</tr>
<tr>
<td>Design:</td>
<td>Drawn part from plastic, steel reinforcement</td>
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<td>Connection:</td>
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23305709 - COVER OD L AW + OB LE IV
Drawn part from plastic, steel reinforcement

Design:

Type: Cover of actuator OD 100 PT AW and control block

Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2 and control block 3_1_1 installed next to the actuator

Materials: ABS, steel grade 11

Connection: 2 screws M6 through holes Ø8 to the actuator

Note: DIMENSIONS OF INNER SURFACES

23306076 - COVER OD L AW + OB LE II
Type: Cover of actuator OD 100 PT AW and control block
Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2 and control block 3_1_1 installed next to the actuator
Design: Drawn part from plastic, steel reinforcement
Materials: ABS, steel grade 11
Connection: 2 screws M6 through holes Ø8 to the actuator

23306078 - COVER OD L AW + OB
**Type:** Cover of actuator OD 100 PT AW and control block

**Function:** Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2 and control block 3_1_1 installed next to the actuator

**Design:** Drawn part from plastic, steel reinforcement

**Materials:** ABS, steel grade 11

**Connection:** 2 screws M6 through holes Ø8 to the actuator

---

**Note:** DIMENSIONS OF INNER SURFACES
Type: Cover of actuator OD 100 PT AW and control block
Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2 and control block 3_1_1 installed next to the actuator
Design: Drawn part from plastic, steel reinforcement
Materials: ABS, steel grade 11
Connection: 2 screws M6 through holes Ø8 to the actuator
Note: DIMENSIONS OF INNER SURFACES

<table>
<thead>
<tr>
<th>Type:</th>
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<tr>
<td>Function:</td>
<td>Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2 and control block 3_1_1 installed next to the actuator</td>
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<tr>
<td>Design:</td>
<td>Drawn part from plastic, steel reinforcement</td>
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<td>Connection:</td>
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23306434 - COVER OD L AW + OB S
Note: DIMENSIONS OF INNER SURFACES

Type: Cover of actuator OD 100 PT AW and control block

Function: Prevents intrusion of rough dirt to the actuator 3.2.1, 3.4.2 and control block 3.1.1 installed next to the actuator

Design: Drawn part from plastic, steel reinforcement

Materials: ABS, steel grade 11

Connection: 2 screws M6 through holes Ø8 to the actuator

23306457 - COVER OD L AW + OB
Note: DIMENSIONS OF INNER SURFACES

Cover OD L AW

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Other version upon request mps@pos.cz

Type of bore for light

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<th>Connection</th>
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<td>2 screws M6 through holes Ø 8 to the actuator</td>
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</table>
Type: Cover of actuator OD 100 LT AW
Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2
Design: Drawn part from plastic, steel reinforcement
Materials: ABS, steel grade 11
Connection: 2 screws M6 through holes ∅8 to the actuator

Note: DIMENSIONS OF INNER SURFACES
Type: Cover of actuator OD 100 LT AW

Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2

Design: Drawn part from plastic, steel reinforcement

Materials: ABS, steel grade 11

Connection: 2 screws M6 through holes $\phi 8$ to the actuator

Note: DIMENSIONS OF INNER SURFACES
**Type:** Cover of actuator OD 100 LT AW

**Function:** Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2

**Design:** Drawn part from plastic, steel reinforcement

**Materials:** ABS, steel grade 11

**Connection:** 2 screws M6 through holes Ø8 to the actuator

---

**DETAIL B**

**Note:** DIMENSIONS OF INNER SURFACES

---

**REZ A-A**
Type: Cover of actuator OD 100 LT AW
Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2
Design: Drawn part from plastic, steel reinforcement
Materials: ABS, steel grade 11
Connection: 2 screws M6 through holes Ø8 to the actuator

Note: DIMENSIONS OF INNER SURFACES

DETAIL B

Type: Cover of actuator OD 100 LT AW
Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2
Design: Drawn part from plastic, steel reinforcement
Materials: ABS, steel grade 11
Connection: 2 screws M6 through holes Ø8 to the actuator

23306365 - COVER OD L AW E6
Note: DIMENSIONS OF INNER SURFACES

Type: Cover of actuator OD 100 LT AW
Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2
Design: Drawn part from plastic, steel reinforcement
Materials: ABS, steel grade 11
Connection: 2 screws M6 through holes \( \Phi 8 \) to the actuator
Note: DIMENSIONS OF INNER SURFACES

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Other version upon request mps@pos.cz

COVER OD P AW

Type of bore for light

A

<table>
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<tr>
<th>Type:</th>
<th>Cover of actuator OD 100 PT AW</th>
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<tbody>
<tr>
<td>Function:</td>
<td>Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2</td>
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<tr>
<td>Design:</td>
<td>Drawn part from plastic</td>
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<tr>
<td>Materials:</td>
<td>ABS</td>
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<tr>
<td>Connection:</td>
<td>2 screws M6 through holes Ø 8 to the actuator</td>
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</table>
Type: Cover of actuator OD 100 PT AW
Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2
Design: Drawn part from plastic, steel reinforcement
Materials: ABS, steel grade 11
Connection: 2 screws M6 through holes Ø8 to the actuator

23300797 - COVER OD P AW
Type: Cover of actuator OD 100 PT AW
Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2
Design: Drawn part from plastic, steel reinforcement
Materials: ABS, steel grade 11
Connection: 2 screws M6 through holes ∅8 to the actuator
Type: Cover of actuator OD 100 PT AW

Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2

Design: Drawn part from plastic, steel reinforcement

Materials: ABS, steel grade 11

Connection: 2 screws M6 through holes $\phi$8 to the actuator

Note: DIMENSIONS OF INNER SURFACES

23305710 - COVER OD P AW LE IV
Type: Cover of actuator OD 100 PT AW

Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2

Design: Drawn part from plastic, steel reinforcement

Materials: ABS, steel grade 11

Connection: 2 screws M6 through holes Ø8 to the actuator
Note: DIMENSIONS OF INNER SURFACES

Type: Cover of actuator OD 100 PT AW
Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2
Design: Drawn part from plastic, steel reinforcement
Materials: ABS, steel grade 11
Connection: 2 screws M6 through holes ø8 to the actuator

23306081 - COVER OD P AW
Note: DIMENSIONS OF INNER SURFACES

Type: Cover of actuator OD 100 PT AW

Function: Prevents intrusion of rough dirt to the actuator 3_2_1, 3_4_2

Design: Drawn part from plastic, steel reinforcement

Materials: ABS, steel grade 11

Connection: 2 screws M6 through holes Ø8 to the actuator

23306287 - COVER OD P AW LE
**Supplied configurations**

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Other configuration upon request mps@pos.cz

---

Type: Grommet for the cover for the actuator OD 100

Funkce: Together with the cover it prevents intrusion of rough dirt to the actuator, enables actuator shaft passage through the cover

Design: Rubber pressing

Materials: Rubber NBR

Connection: Insertion into the cover groove

---

**GROMMET**
**Insertion into the cover groove**

**Rubber NBR**

Together with the cover it prevents intrusion of rough dirt to the actuator, enables actuator shaft passage through the cover.

**Grommet for the cover for the actuator OD 100**

- **Funkce:** Together with the cover it prevents intrusion of rough dirt to the actuator, enables actuator shaft passage through the cover.
- **Design:** Rubber pressing
- **Materials:** Rubber NBR
- **Connection:** Insertion into the cover groove

---

**23410977 - GROMMET**
**Type:** Grommet for the cover for the actuator OD 100

**Funkce:** Together with the cover it prevents intrusion of rough dirt to the actuator, enables actuator shaft passage through the cover

**Design:** Rubber pressing

**Materials:** Rubber NBR

**Connection:** Insertion into the cover groove

---

**23411059 - GROMMET**
Insertion into the cover groove

Rubber NBR

Together with the cover it prevents intrusion of rough dirt to the actuator with mechanical blocking 3_2_2

Grommet for the cover for the actuator OD 100 TB

Funkce: Together with the cover it prevents intrusion of rough dirt to the actuator with mechanical blocking 3_2_2

Design: Rubber pressing

Materials: Rubber NBR

Connection: Insertion into the cover groove
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<th>Type:</th>
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<tr>
<td>Materials:</td>
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<td>Connection:</td>
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