Support arm system CP

with new height-adjustable support section

High protection category

- Protection category IP 54
- No wear on the seals during positioning

Key data always visible

The new height-adjustable support section ensures that you always have a good view of the key parameters in human/machine interaction. Without any tricky adjustments, the height-adjustable support section may be moved into the correct ergonomic position at any time, and adapted to your personal workstation preferences in just a few movements. On the wall side, the system can be fitted directly to the components in the CP 120 support arm system without any further adaptation, and on the enclosure side, either to support arm system CP 60 or CP 120, depending on the model.

- Three systems cover
  a broad weight range from 4 to 60 kg
- High protection category IP 54
- Safe, simple cable routing

Safe cable routing
- Easy access to cable routing, thanks to removable side panel
- Large cable tray and cable routing at the rotation points for safety

- Up to 100% more space for cable routing
- Problem-free entry of pre-assembled connectors up to 59 x 17 mm (W x H) – even retrospectively

Flexible weight adjustment
- Simple, retrospective adjustment of the weight range without dismantling any components
- Moves safely into any required working position

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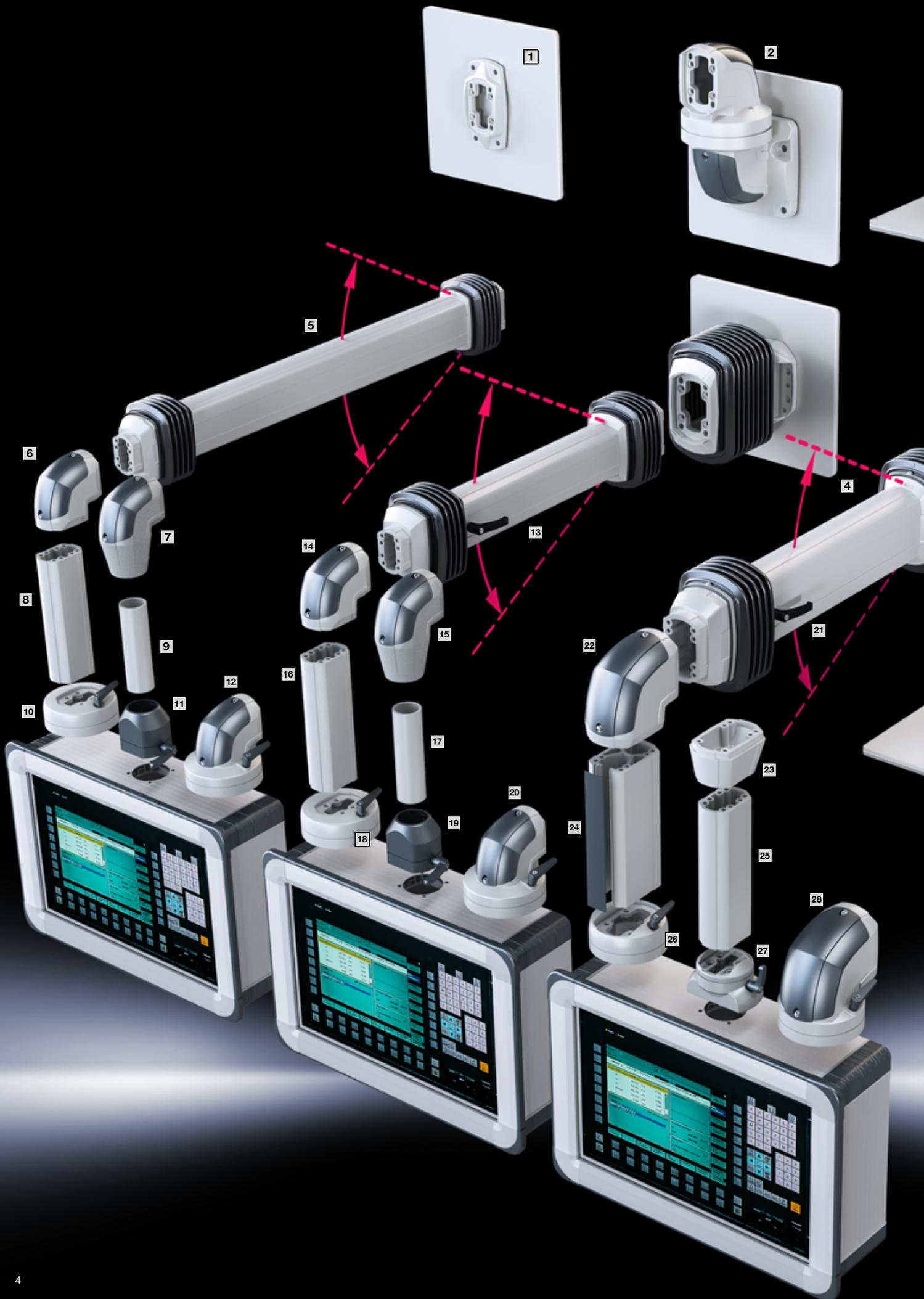
Support arm system CP
Support section, height-adjustable
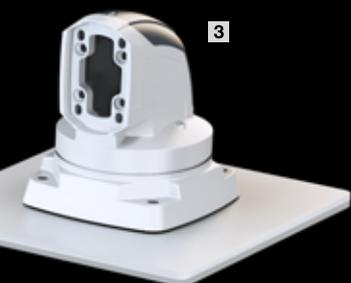
Component overview

[1] Wall/base mounting bracket CP 120, small (6212.820)

[2] Wall-mounted hinge CP 120, horizontal outlet, with height offset (6212.740)

[3] Top-mounted joint CP 120, horizontal outlet (6212.700)

[4] Wall-mounted hinge CP 120, horizontal outlet, without height offset (6212.780)

[5] Support section, height-adjustable CP 120/CP 60 (6212.065)

[6] Angle piece 90° CP 60 (6206.600)

[7] Angle adaptor 90° for support arm combination CP 60/40 (6206.640)

[8] Support section CP 60 (6206.110, 6206.025, 6206.050, 6206.100, 6206.200)

[9] Support section CP 40, steel (6501.000, 6501.020)

[10] Coupling CP 60 for support arm connection Ø 130 mm (6206.300)

[11] Coupling CP 40, steel, for support arm connection ☐ 90 x 71 mm (6501.050)

[12] Angle coupling 90° CP 60 for support arm connection Ø 130 mm (6206.380)

[13] Support section, height-adjustable CP 120/CP 60 (6212.060)

[14] Angle piece 90° CP 60 (6206.600)

[15] Angle adaptor 90° for support arm combination CP 60/40 (6206.640)

[16] Support section CP 60 (6206.110, 6206.025, 6206.050, 6206.100, 6206.200)

[17] Support section CP 40, steel (6501.000, 6501.020)

[18] Coupling CP 60 for support arm connection Ø 130 mm (6206.300)

[19] Coupling CP 40, steel, for support arm connection ☐ 90 x 71 mm (6501.050)

[20] Angle coupling 90° CP 60 for support arm connection Ø 130 mm (6206.380)

[21] Support section, height-adjustable CP 120/CP 120 (6212.120)

[22] Angle piece 90° CP 120 (6212.600)

[23] Adaptor for support arm combination CP 120/60 (6212.640)

[24] Support section CP 120, open (6212.150, 6212.110, 6212.210)

[25] Support section CP 60 (6206.110, 6206.025, 6206.050, 6206.100, 6206.200)

[26] Coupling CP 120 for support arm connection Ø 130 mm (6212.300)

[27] Coupling CP 60 for support arm connection ☐ 120 x 65 mm (6206.340)

[28] Coupling 90° CP 120 for support arm connection Ø 130 mm (6212.380)

[29] Angle piece 90° CP 120 (6212.600)

[30] Support section CP 120, closed (6212.025, 6212.050, 6212.100, 6212.200)

[31] Top-mounted joint CP 120, vertical outlet (6212.720)

Note:
For combination with support section, height-adjustable, please note:
– When using an intermediate hinge, the height-adjustable support section should always be inserted in the closest horizontal position to the enclosure.

Support arm system CP

Support section, height-adjustable

Now even more ergonomic, thanks to
– Adjustment range for tall and short operators, as well as seated and stand-up workstations:
  6212.060/120: 600 mm ± 300 mm
  6212.065: 990 mm ± 495 mm
– Support arm holds securely in any position
– Precise coordination to the suspended load via an adjusting screw at the front of the support section
– Adjusting screw can be accessed without dismantling any components
– Removable side panel for easy access to cable routing
– Tilt angle of the mounted enclosure is identical in every height position
– Cables with connectors such as DVI, VGA are easily inserted
– Broad weight range from 4 to 60 kg with three systems

Maximum cross-section for cable entry:
– 41 x 17 mm (W x H) for CP 6212.060/.065
– 59 x 17 mm (W x H) for CP 6212.120

Colour:
– RAL 7035/7024

Protection category IP to IEC 60 529:
– IP 54

Supply includes:
– Assembly parts

Note:
For combination with support section, height-adjustable, please note:
– When using an intermediate hinge, the height-adjustable support section should always be inserted in the closest horizontal position to the enclosure.

Wall/ machine side	Enclosure side	Overall length mm	Weight range kg[1]	Model No.
CP 120	CP 60	741	4 – 30	**6212.060**
CP 120	CP 60	1100	4 – 15	**6212.065**
CP 120	CP 120	790	10 – 60	**6212.120**

[1] For configured enclosure and vertical support section
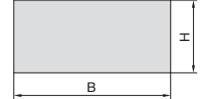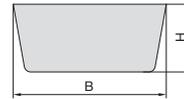
Cable tray
CP 6212.060/.065
36 x 11 mm (W x H)

CP 6212.120
43 x 21 mm (W x H)

Maximum connector dimensions
CP 6212.060/.065
41 x 17 mm (W x H)
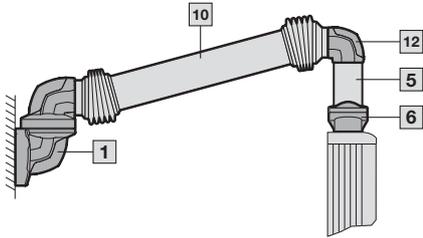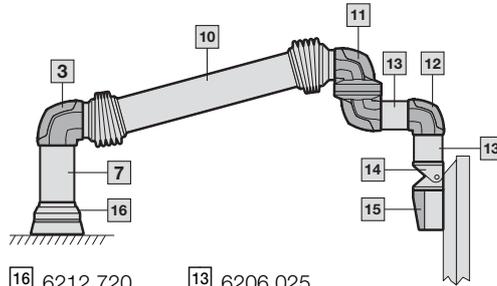
CP 6212.120
59 x 17 mm (W x H)

Further technical information available on the Internet.
Rittal Support section, height-adjustable

Examples of combination options with support section, height-adjustable

Examples with CP 6212.065

1	6212.740	5	6206.050
10	6212.065	6	6206.340
12	6206.600		

16	6212.720	13	6206.025
7	6212.050	12	6206.600
3	6212.600	13	6206.025
10	6212.065	14	6206.460
11	6206.620	15	6206.480
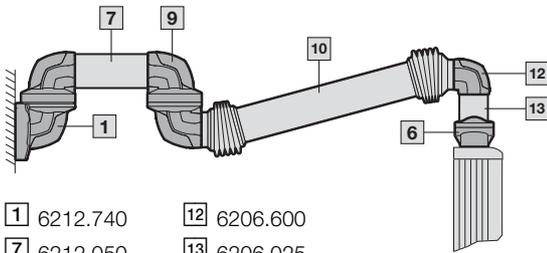
1	6212.740	12	6206.600
7	6212.050	13	6206.025
9	6212.620	6	6206.340
10	6212.065		

Examples with CP 6212.120
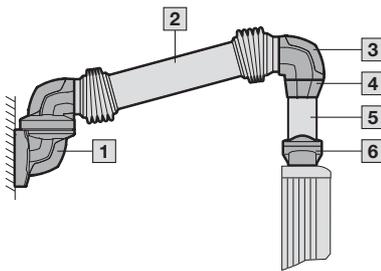
1	6212.740	4	6212.640
2	6212.120	5	6206.050
3	6212.600	6	6206.340
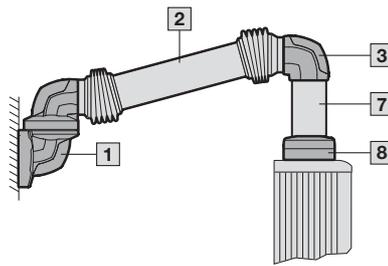
1	6212.740	7	6212.050
2	6212.120	8	6212.300
3	6212.600		
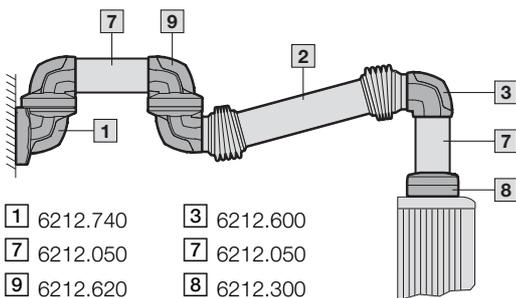
1	6212.740	3	6212.600
7	6212.050	7	6212.050
9	6212.620	8	6212.300
2	6212.120		

1	Wall-mounted hinge CP 120, horizontal outlet
2	Support section, height-adjustable, CP 120/CP 120
3	Angle piece 90° CP 120
4	Adaptor for support arm combination CP 120/60
5	Support section CP 60, closed, L = 500 mm
6	Coupling CP 60 for support arm connection ☐ 120 x 65 mm
7	Support section CP 120, closed, L = 500 mm
8	Coupling CP 120 for support arm connection Ø 130 mm
9	Intermediate hinge CP 120
10	Support section, height-adjustable, CP 120/CP 60
11	Intermediate hinge CP 60
12	Angle piece 90° CP 60
13	Support section CP 60, closed, L = 250 mm
14	Tilting adaptor +100°/-60° for support arm connection ☐ 120 x 65 mm
15	Connection console VESA 75/100
16	Top-mounted joint CP 120, vertical outlet

Support arm configurator

**for CP 40/60/120/180 and support section, height-adjustable**

The tool determines the perfect system for your application from key user-specific parameters such as the jib length, enclosure weight or required cable cross-sections.

Benefits:
– Individual assembly tailored to the requirements of the application
– Built-in consistency check
– The outcome is a plausibility-checked parts list
– Detailed cutting dimensions for the support sections
– Free online configurator
– Simple, systematic menu prompting
– Seamless system solution
– Supply of CAD data for the configured system

Note:
– Configure online at www.rittal.com/configurators

Further technical information available on the Internet.   Rittal Support section, height-adjustable
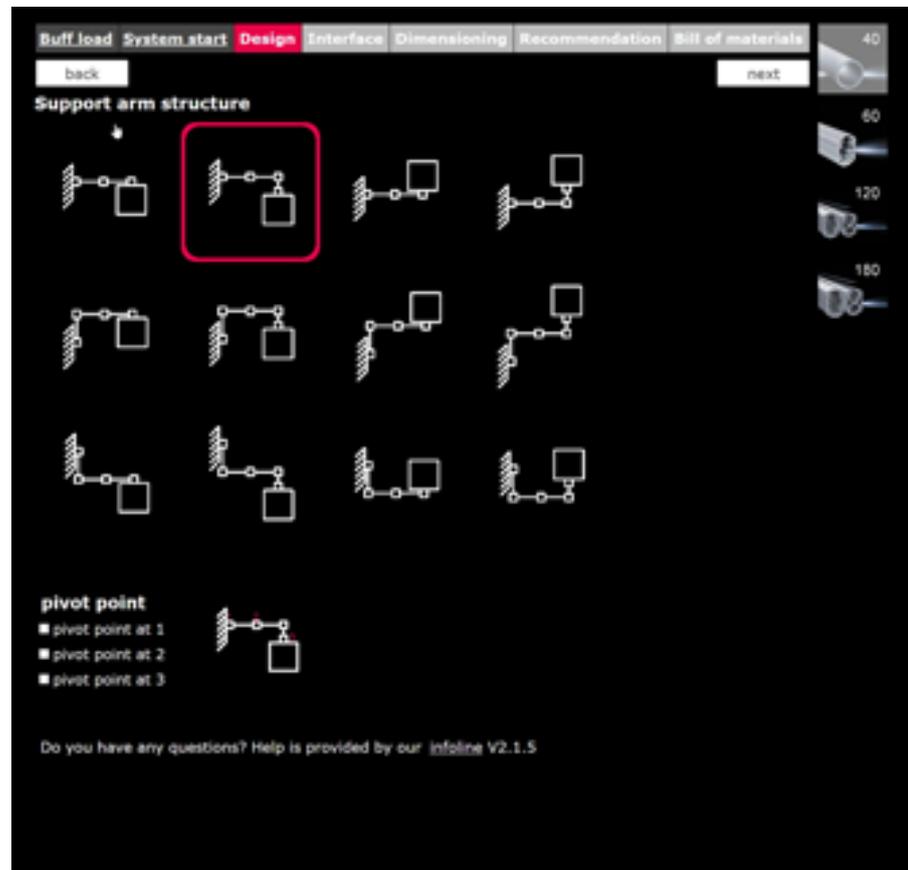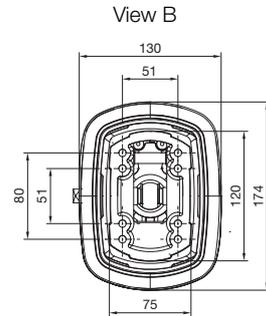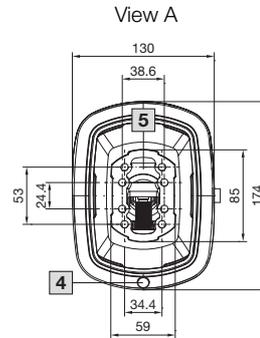
Support section, height-adjustable

CP 6212.060, version 4 – 30 kg
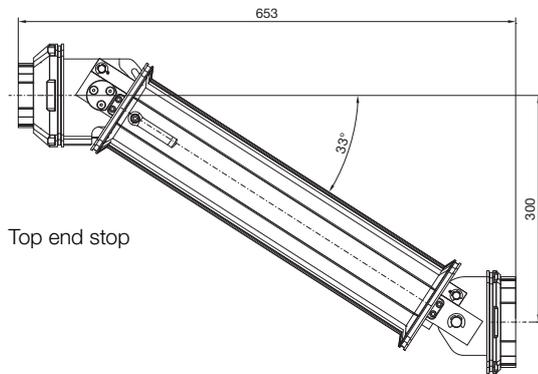
Top end stop
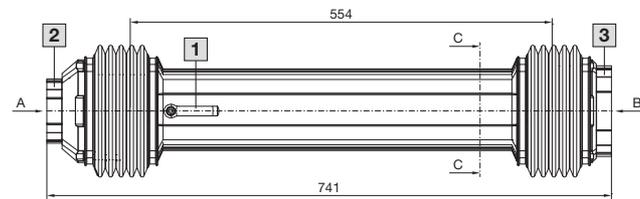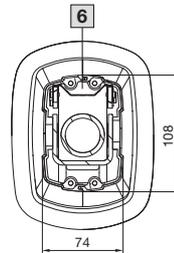
Bottom end stop

View A

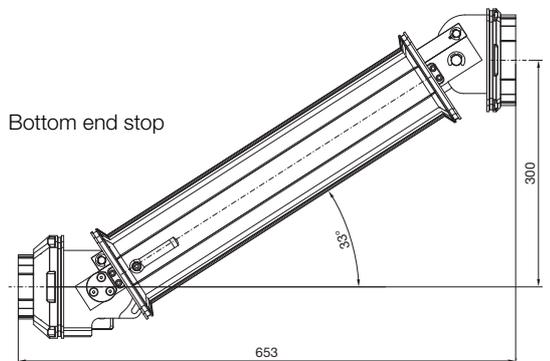View B

Section C – C

1 Locking supported
2 Support arm connection CP 60
3 Support arm connection CP 120
4 Supports weight adjustment from the outside
5 Connectors up to 41 x 17 mm may be inserted
6 Cable tray

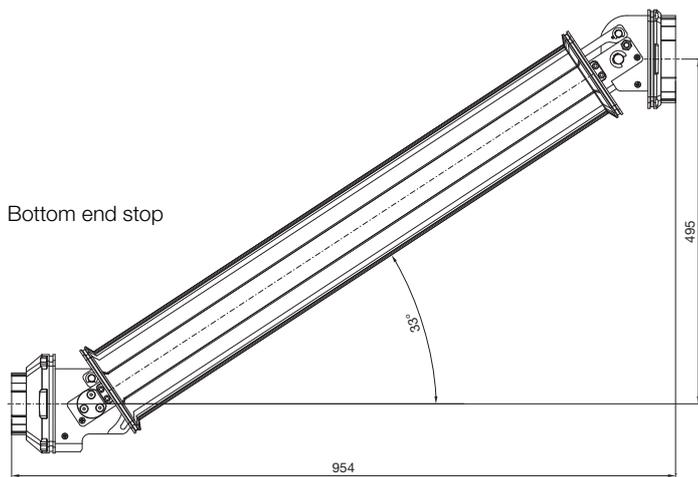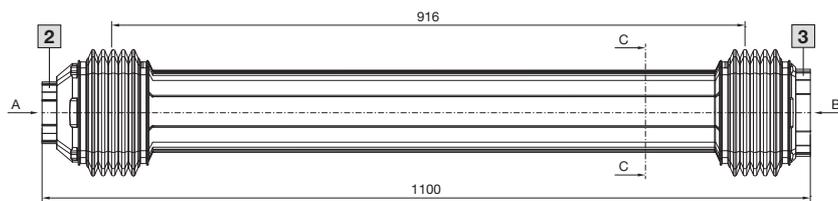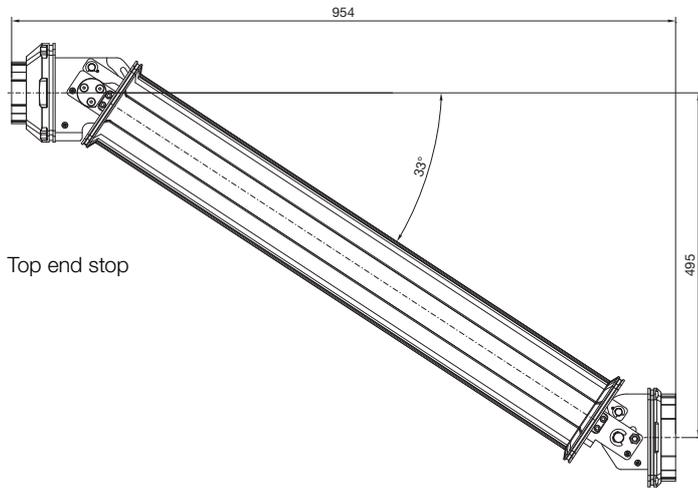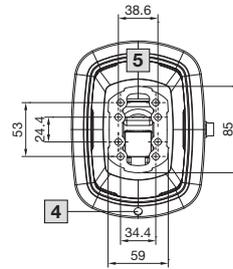# Support arm system CP

Technical details

Support section, height-adjustable
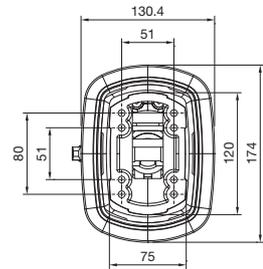
CP 6212.065, version 4 – 15 kg

Top end stop

954

33°

495

View A

38.6

5

53

24.4

4

34.4

59

85

View B

130.4

51

80

51

120

174

75

Section C – C

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103

74

2 Support arm connection CP 60
3 Support arm connection CP 120
4 Supports weight adjustment from the outside
5 Connectors up to 41 x 17 mm may be inserted
6 Cable tray

2

916

C

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A

B

C

1100

Bottom end stop

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33°

495

954

Support section, height-adjustable

CP 6212.120, version 10 – 60 kg
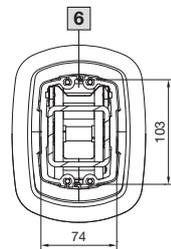

Top end stop
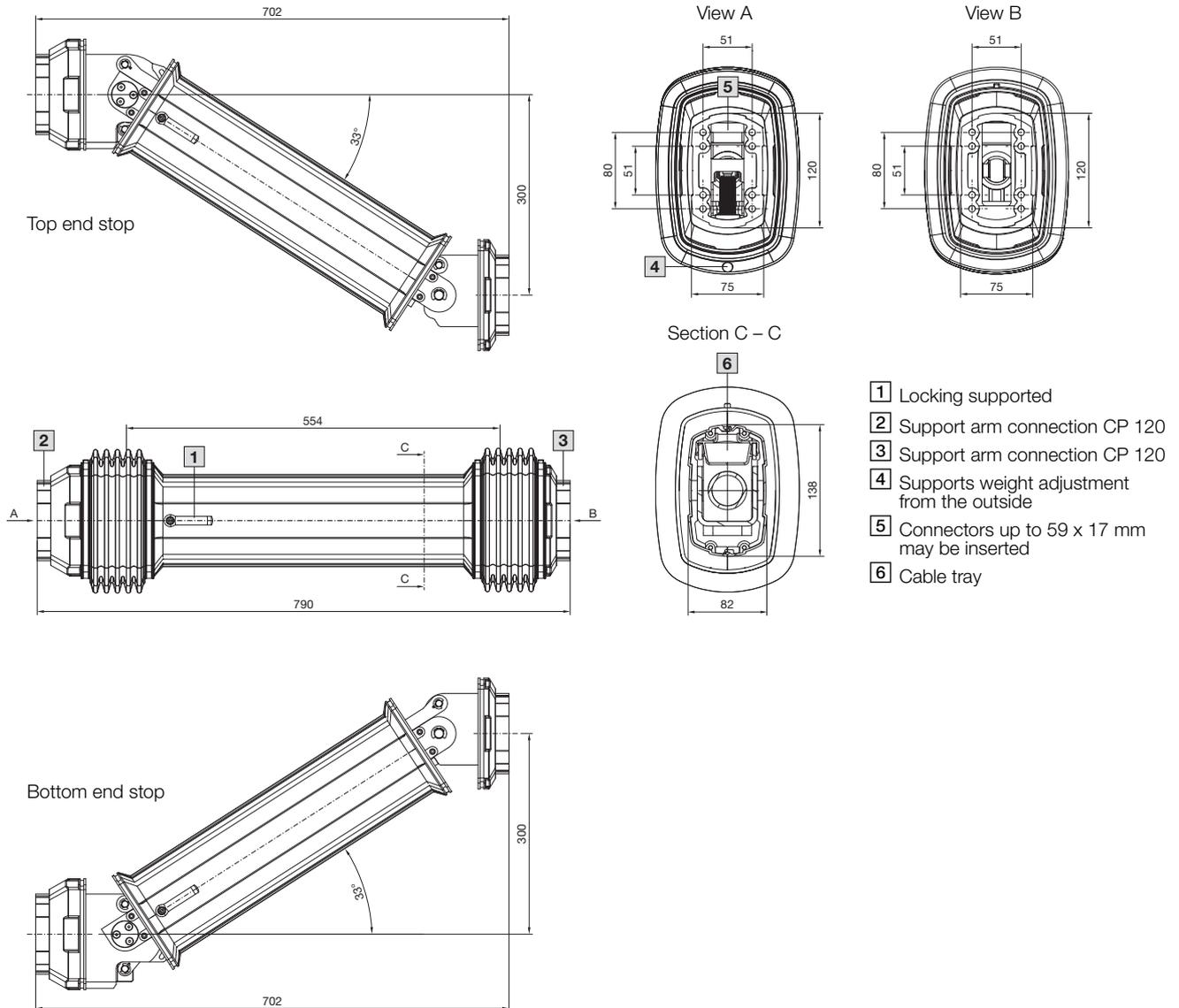
Bottom end stop

View A

View B

Section C – C

1 Locking supported
2 Support arm connection CP 120
3 Support arm connection CP 120
4 Supports weight adjustment from the outside
5 Connectors up to 59 x 17 mm may be inserted
6 Cable tray

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