

Rittal – The System.

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► Support arm system CP 60/120/180



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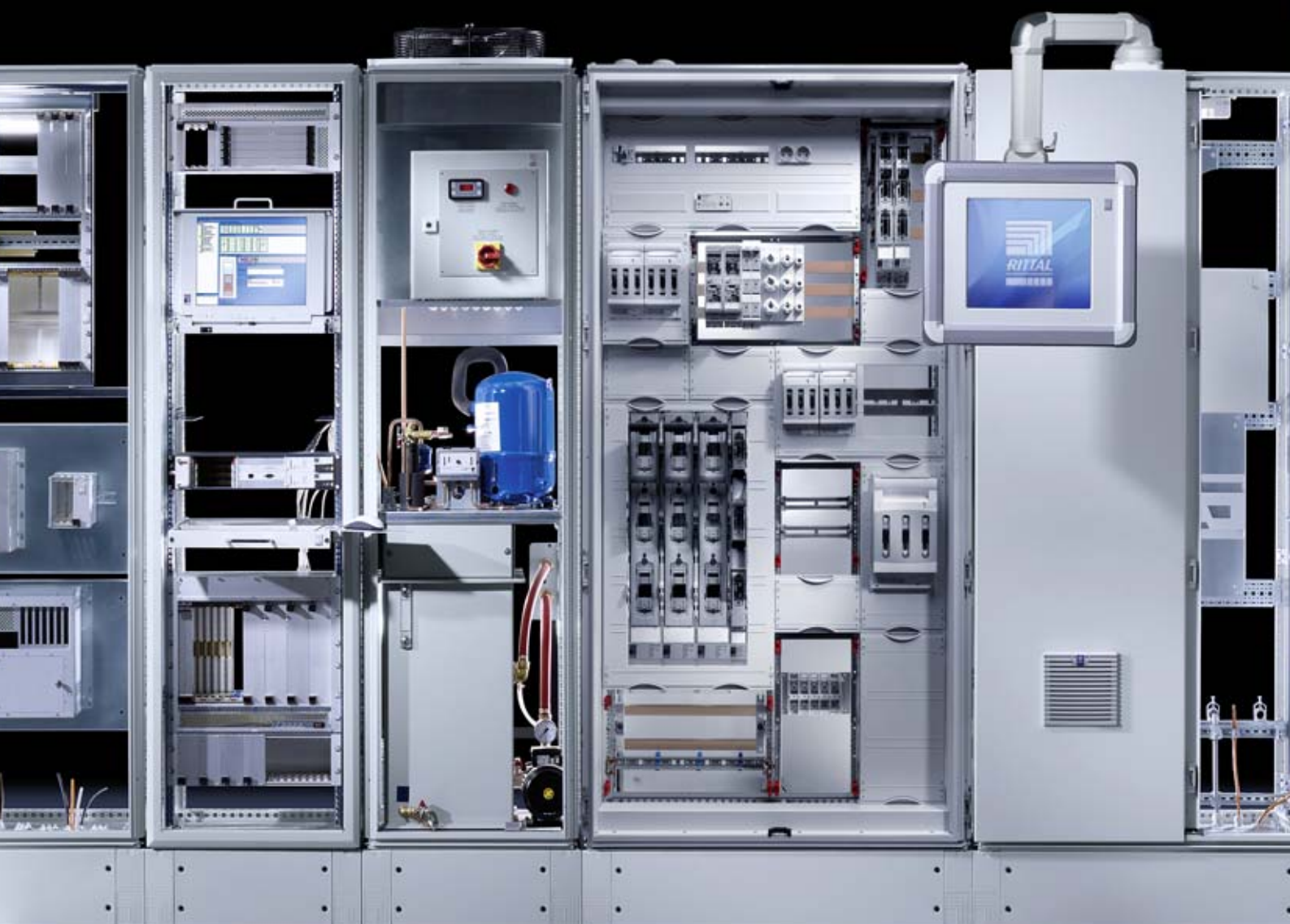
SOFTWARE & SERVICES

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Rittal – The System.

Faster – better – worldwide.



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Rittal – The System.

The whole is more than the sum of its parts.

The same is true of “Rittal – The System.” With this in mind, we have bundled our innovative enclosure, power distribution, climate control and IT infrastructure products together into a single system platform that is unrivalled anywhere else. Paired with our comprehensive software tools and global service, this becomes the key to unique added value for the most diverse applications throughout the industry: Production lines, testing systems, building services and data centres. Following our simple principle **faster – better – worldwide**, we tie innovative products and efficient service into an optimum package.

Faster – thanks to the modular solutions which make up “Rittal – The System.” and a degree of system compatibility which guarantees swift planning, assembly, modification and commissioning.

Better – thanks to the rapid implementation of market trends in products. In this way, our innovative strength helps you to secure competitive advantages.

Worldwide – thanks to a global network of 150 locations. Rittal has over 60 subsidiaries, more than 250 service partners and over 1,000 service engineers worldwide. For more than 50 years, we have been on hand to offer advice, assistance and product solutions.

IT INFRASTRUCTURE

SOFTWARE & SERVICES



THE NEW SUPPORT ARM SYSTEM



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Identical engineering

- All load levels from from 600 to 1800 N
- One system

Identical design

- Simple system replacement in the vertical axis to cut costs and weight
- Consistent combination options

Identical functions

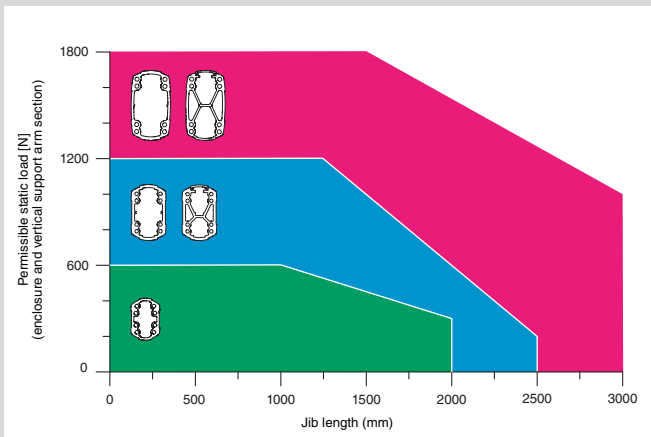
- Uniform adjustment principle, also possible retrospectively without dismantling
- Simple cable entry and routing
- Perfect limitation of rotation ranges
- Automatic, consistent potential equalisation
- One-person assembly
- Sections are easily cut to length

The new support arm system is to replace the existing CP-L, CP-C and CP-XL systems. To facilitate a smooth and simple switch, we have included corresponding conversion tables for each system from page 8.

Support arm system CP 60/120/180

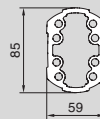


Comfort Panel Catalogue 33, page 138 Optipanel Catalogue 33, page 140 Operating housings Catalogue 33, from page 142

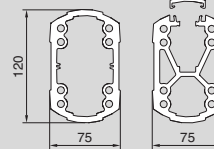


System replacement
In the vertical axis, a system replacement to the next smallest system is possible without impairing the load capacity.

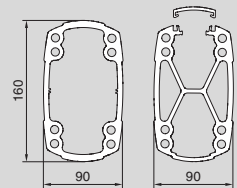
CP 60



CP 120

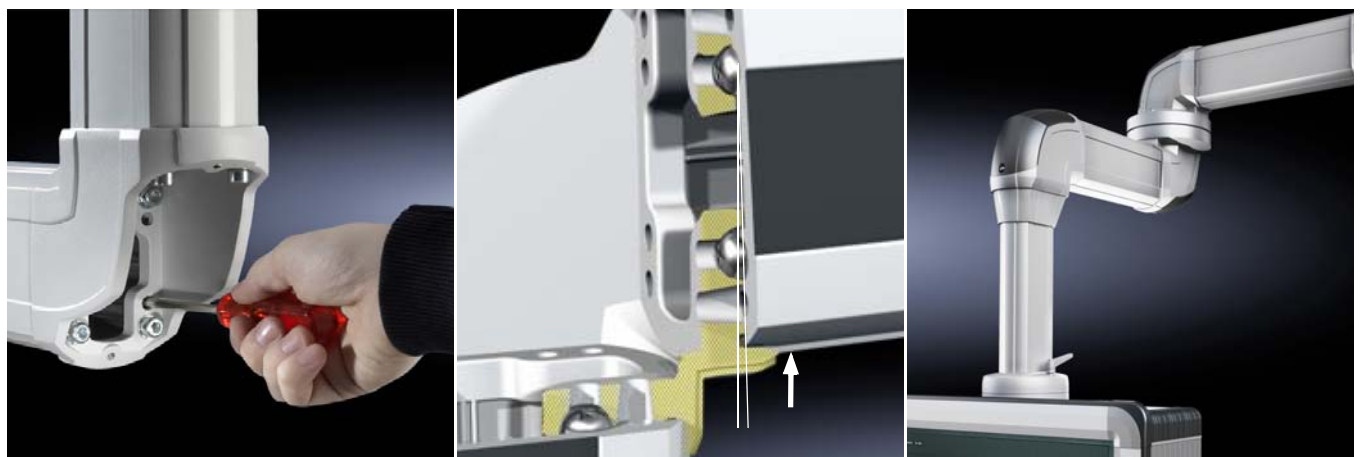


CP 180



Convenience in perfection

- Easily adjusted without dismantling the system
- Fast, uniform assembly concept
- Perfect adjustability of the support arm system with integral rotation range restrictor
- Consistent combination options without loss of design



Support arm system CP 60/120/180



Comfort Panel Catalogue 33, page 138 **Optipanel** Catalogue 33, page 140 **Operating housings** Catalogue 33, from page 142

Support section CP 60/120/180

Attachment to the connection components with 4 self-tapping screws in the screw channel. May be cut to any required length, no thread-tapping required. Closed cable duct with a large cross-section. Open cable duct for easy servicing access and for pre-assembled cables with connectors; lockable via cover section.

X-shaped profiling for greater load capacity, large cable routing channels. Upper channel adequate for cables with large connectors (e.g. DVI or VGA) and available/usable throughout the entire system.

Size:

CP 60:
– External dimensions:
59 x 85 mm

CP 120:
– External dimensions:
75 x 120 mm

CP 180:
– External dimensions:
90 x 160 mm

Material:

– Support section:
Extruded aluminium section
– Cover: Plastic

Colour:

– Support section: RAL 7035
– Cover: RAL 7024

Supply includes:

– Support section
– Clip-in cover
(only with open section)

Detailed drawings:

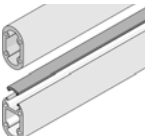
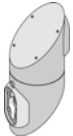
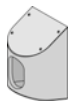
Available on the Internet.

Efficient cable management

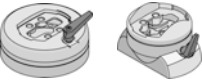
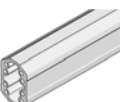
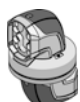
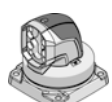
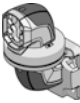
- Cross-section sufficient for large connectors
- Separation between data and power cables
- Removable cover for simple cable entry
- Flexible cable entry and routing options
- Automatic, consistent potential equalisation



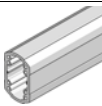
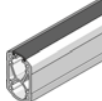
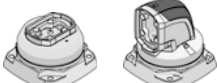
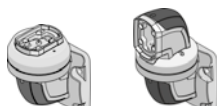
Support arm system CP 60

Support arm system CP-L (old system)		1	2	Model No. CP
	Tilting adaptor 10° CP-L			
	Ø 130 mm	–	■	6527.010
	□ 120 x 65 mm			6527.110
	Tilting adaptor +/-45° CP-L			
	Ø 130 mm	■	–	6529.010
	Enclosure attachment, tilting, +100/-60°			
		■	–	6902.670
	Enclosure attachment CP-L			
	Ø 130 mm	–	■	6525.510
	□ 120 x 65 mm			6525.610
	Housing coupling CP-L			
	Ø 130 mm	■	–	6525.010
	□ 120 x 65 mm			6525.110
	Angle coupling 90° CP-L			
	Ø 130 mm	■	–	6526.010
	Support section CP-L			
	Solid 250	–	–	6509.000
	500			6511.000
	1000			6513.000
	2000			6515.000
	Open 1000	–	–	6513.050
	Angle piece 90° CP-L			
		–	■	6524.010
	Intermediate hinge CP-L			
		■	–	6523.010
	Top-mounted joint CP-L			
		■	–	6522.010
	Wall-mounted hinge CP-L			
		■	–	6521.010
	Wall/base mounting bracket, small CP-L			
		–	■	6520.510
	Wall/base mounting, large CP-L			
		–	■	6520.010
	Mounting component for signal pillar			
		–	■	2375.000/ 2375.020

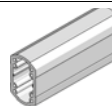
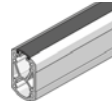
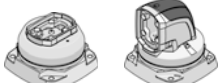
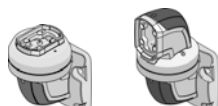
1 Rotating/tilting 2 Rigid

Support arm system CP 60 (new system)		1	2	Model No. CP
	Tilting adaptor 10°			
	Ø 130 mm	–	■	6206.400
	□ 120 x 65 mm			6206.440
	Tilting adaptor +/-45°			
	Ø 130 mm	■	–	6206.420
	Tilting adaptor +100/-60°			
	□ 120 x 65 mm	■	–	6206.460
	Attachment, CP 60			
	Ø 130 mm	–	■	6206.320
	□ 120 x 65 mm			6206.360
	Coupling, CP 60			
	Ø 130 mm	■	–	6206.300
	□ 120 x 65 mm			6206.340
	Angle coupling 90°, CP 60			
		■	–	6206.380
	Support section, CP 60			
	Solid 250	–	–	6206.025
	500			6206.050
	1000			6206.100
	2000			6206.200
No follow-up article available.				
	Angle piece 90°, CP 60			
		–	■	6206.600
	Intermediate hinge, CP 60			
		■	–	6206.620
	Top-mounted joint, CP 60			
	Horizontal outlet	■	–	6206.700
	Wall-mounted hinge, CP 60			
	Horizontal outlet	■	–	6206.740
	Wall/base mounting, small, CP 60			
		–	■	6206.820
	Wall/base mounting, large, CP 60			
		–	■	6206.800
	Mounting component for signal pillar, CP 60			
		–	■	6206.900

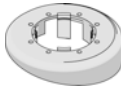
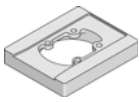
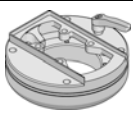
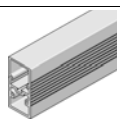
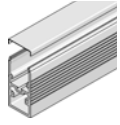
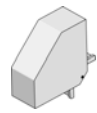
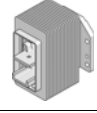
Support arm system CP 120

Support arm system CP-C (old system)		1	2	Model No. CP
Enclosure attachment CP-C				
	Ø 130 mm	–	■	6070.200
Housing coupling CP-C				
	Ø 130 mm	■	–	6070.000
Angle coupling 90° CP-C				
		■	–	6071.200
Support section CP-C				
	Solid	250	–	6074.000
		500	–	6074.100
		1000	–	6074.300
		2000	–	6074.500
	Open	500	–	6075.100
		1000	–	6075.300
		2000	–	6075.500
Connection adaptor CP-C to CP-L				
		–	■	6071.600
Angle piece 90° CP-C				
		–	■	6071.400
Intermediate hinge CP-C				
		■	–	6071.800
Top-mounted joint CP-C				
	Vertical outlet	■	–	6072.800
	Horizontal outlet	■	–	6072.600
Wall-mounted hinge CP-C				
	Vertical outlet	■	–	6072.400
	Horizontal outlet	■	–	6072.500
Wall/base mounting bracket, small CP-C				
		–	■	6072.200
Wall/base mounting bracket, large CP-C				
		–	■	6072.000

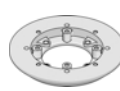
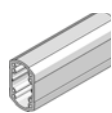
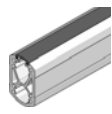
1 Rotating/tilting 2 Rigid

Support arm system CP 120 (new system)		1	2	Model No. CP
Attachment, CP 120				
	Ø 130 mm	–	■	6212.320
Coupling, CP 120				
	Ø 130 mm	■	–	6212.300
Angle coupling 90°, CP 120				
		■	–	6212.380
Support section, CP 120				
	Solid	250	–	6212.025
		500	–	6212.050
		1000	–	6212.100
		2000	–	6212.200
	Open	500	–	6212.150
		1000	–	6212.110
		2000	–	6212.210
Adaptor for support arm combination, CP 120/60				
		–	■	6212.640
Angle piece 90°, CP 120				
		–	■	6212.600
Intermediate hinge, CP 120				
		■	–	6212.620
Top-mounted joint, CP 120				
	Vertical outlet	■	–	6212.720
	Horizontal outlet	■	–	6212.700
Wall-mounted hinge, CP 120				
	Vertical outlet	■	–	6212.760
	Horizontal outlet	■	–	6212.740
Wall/base mounting, small, CP 120				
		–	■	6212.820
Wall/base mounting, large, CP 120				
		–	■	6212.800

Support arm system CP 180

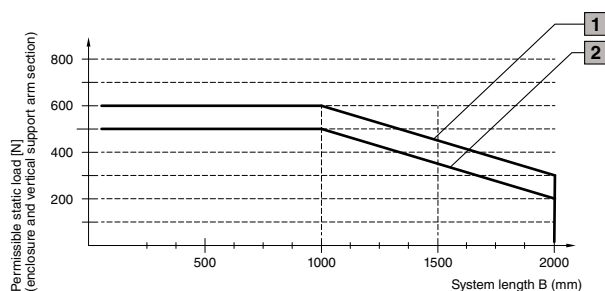
Support arm system CP-XL (old system)		1	2	Model No. CP
		Connection adaptor CP-L to CP-XL		
Height 20 mm		—	■	6528.010
Height 55 mm		—	■	6528.510
		Tilting adaptor 10° CP-XL		
		—	■	6023.010
		Enclosure attachment, round CP-XL		
		—	■	6130.610
		Enclosure attachment, rectangular CP-XL		
		—	■	6130.510
		Housing coupling CP-XL		
		■	—	6130.010
		Angle coupling 90° CP-XL		
		■	—	6040.010
		Support section CP-XL		
Solid	500	—	—	6050.500
	1000	—	—	6100.500
	2000	—	—	6200.500
	500	—	—	6050.000
	1000	—	—	6100.000
	2000	—	—	6200.000
		No previous articles available.		
		Angle piece 90° CP-XL		
Outlet at bottom		—	—	6140.010
Outlet at top		—	—	6180.010
		Intermediate hinge CP-XL		
		■	—	6120.010
		Top-mounted joint CP-XL		
		■	—	6170.010
		Wall-mounted hinge CP-XL		
		■	—	6110.010
		Wall/base mounting bracket CP-XL		
		—	■	6160.010

1 Rotating/tilting 2 Rigid

Support arm system CP 180 (new system)		1	2	Model No. CP
		Adaptor for support arm connection Ø 180 mm to Ø 130 mm		
Height 20 mm		—	■	6212.520
		No follow-up article available.		
		Only with system replacement to support arm system CP 120 using adaptor CP 6218.640.		
		Only with system replacement to support arm system CP 120 using adaptor CP 6218.640.		
		Only with system replacement to support arm system CP 120 using adaptor CP 6218.640.		
		Only with system replacement to support arm system CP 120 using adaptor CP 6218.640.		
		Support section, CP 180/CP 120		
Solid	500	—	—	6218.050
	1000	—	—	6218.100
	2000	—	—	6218.200
	500	—	—	6218.150
	1000	—	—	6218.110
	2000	—	—	6218.210
		Adaptor for support arm combination, CP 180/120		
		—	■	6218.640
		Angle piece 90°, CP 180		
		—	■	6218.600
		Intermediate hinge, CP 180		
		■	—	6218.620
		Top-mounted joint, CP 180		
Horizontal outlet		■	—	6218.700
		Wall-mounted hinge, CP 180		
Horizontal outlet		■	—	6218.740
		Wall/base mounting, small, CP 180		
		—	■	6218.820

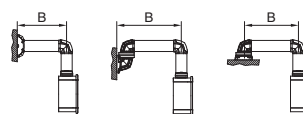
Support arm system CP 60

Permissible load depending on system configuration



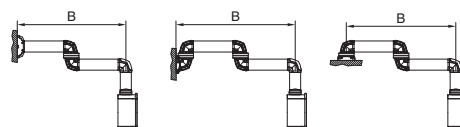
Wall/base mounting bracket, small CP 6206.620 must not be used in conjunction with intermediate hinge CP 6206.620! Intermediate hinge CP 6206.620 should only be used once per system!

1 System configuration without intermediate hinge, CP 6206.620



B max. = 2000 mm

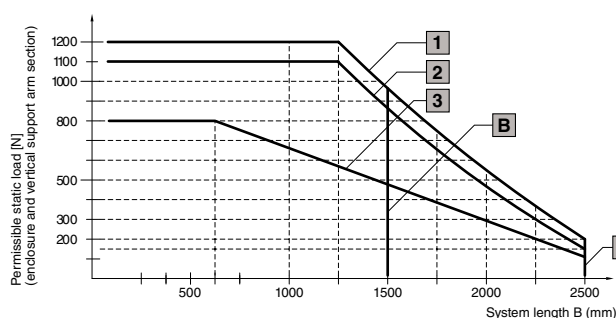
2 System configuration with intermediate hinge CP 6206.620



B max. = 2000 mm

Support arm system CP 120

Permissible load depending on system configuration



1 With solid or open support section

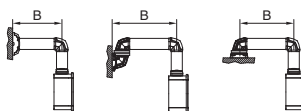
2 With solid support section

3 With open support section

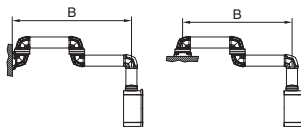
Wall/base mounting bracket, small CP 6212.620 must not be used in conjunction with intermediate hinge CP 6212.620!

A Maximum system length 2500 mm for systems with horizontal outlet at the system start.

1 System configuration without intermediate hinge CP 6212.620



2 **3** System configuration with intermediate hinge CP 6212.620

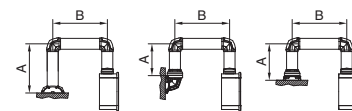


B max. = 2500 mm

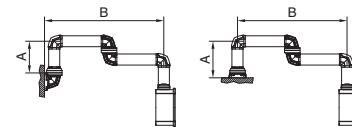
Intermediate hinge CP 6212.620 should only be used once per system!

B Maximum system length 1500 mm for systems with vertical outlet at the system start.

1 System configuration without intermediate hinge CP 6212.620



2 **3** System configuration with intermediate hinge CP 6212.620

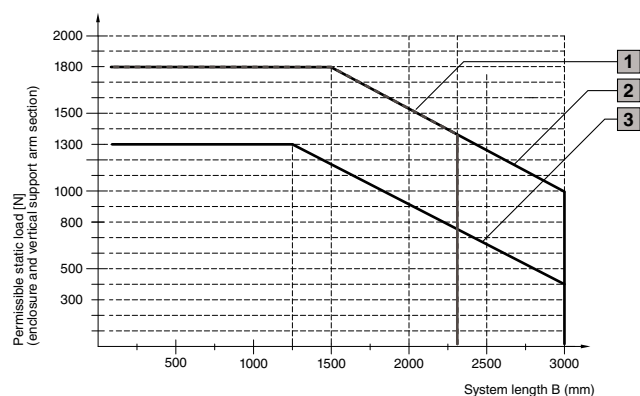


A max. = 500 mm B max. = 1500 mm

Intermediate hinge CP 6212.620 should only be used once per system!

Support arm system CP 180

Permissible load depending on system configuration

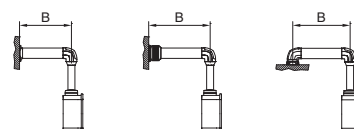


1 With solid or open support section

2 With solid support section

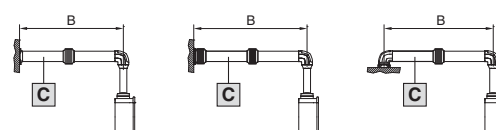
3 With open support section

1 System configuration without intermediate hinge CP 6218.620



B max. = 2300 mm

2 **3** System configuration with intermediate hinge CP 6218.620



B max. = 3000 mm

Intermediate hinge CP 6218.620 should only be used once per system!

C Rittal recommends using a solid support section.

Rittal – The System.

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RITTAL GmbH & Co. KG
Postfach 1662 · D-35726 Herborn
Phone +49(0)2772 505-0 · Fax +49(0)2772 505-2319
E-mail: info@rittal.de · www.rittal.com

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