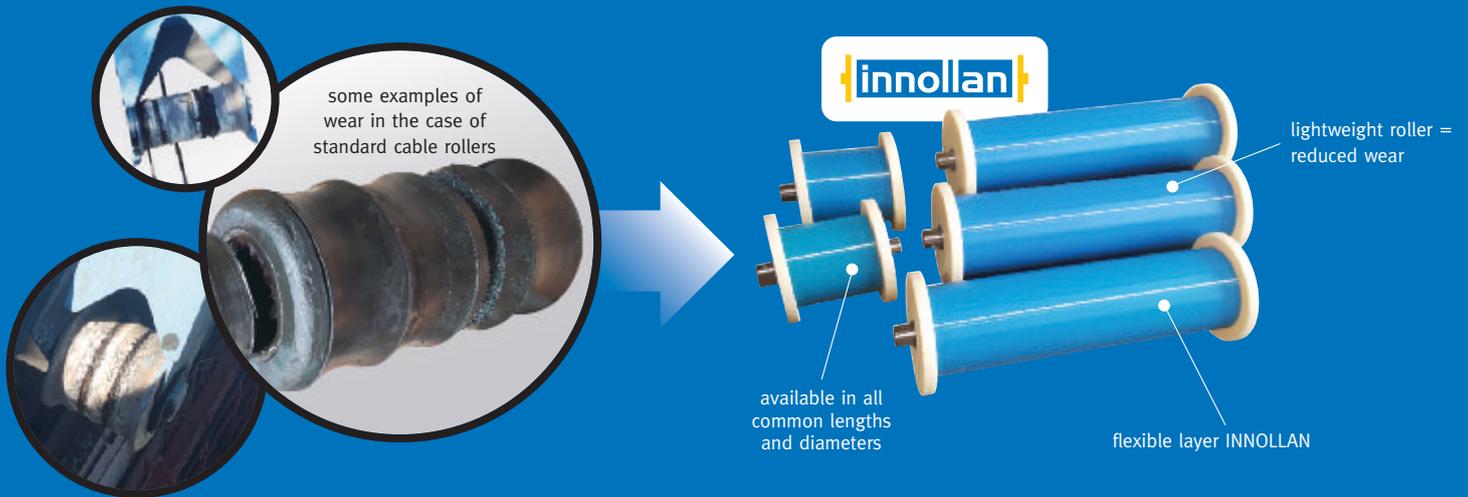


INNOLLAN cable rollers

- FLEXIBLE LAYER: MOVING MORE QUICKLY
- LESS WEIGHT: LESS WEAR
- QUICK REPLACEMENT: LESS DOWNTIME





Introducing our innovative INNOLLAN cable rollers

Hoisting cable rollers developed by INNO DOCK SUPPORT are lighter and more wear resistant than conventional rollers. This is also due to the application of lighter materials and the vulcanisation of a flexible – highly wear resistant layer – on the wear surface, named INNOLLAN.

Compared to existing rollers, INNOLLAN rollers are also approximately 40% lighter. As a result of this, the roller starts to move sooner in case of contact with the hoisting cable, thus substantially reducing the probability of wear.

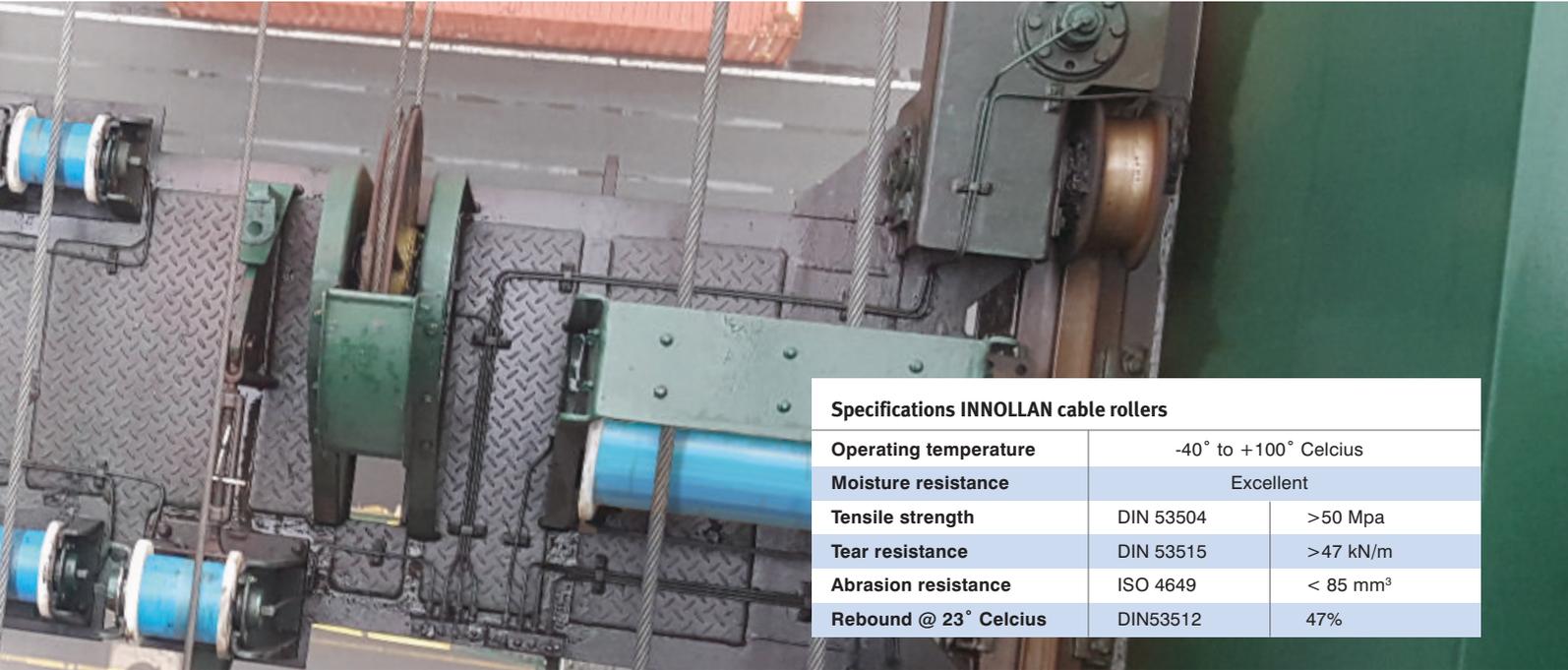
As an extra feature, INNOLLAN rollers have a modular structure. This makes the assembly process much more practical and much faster, as a result of which all kinds of benefits in relation to time and money can be achieved compared to the currently used rollers. The benefits at a glance:

- starts moving more quickly due to flexible layer
- less weight means lower “stick slip”, i.e. less wear
- quick replacement, less standstill, resulting in reduced downtime

Would you like to know what we could do for you? If so, please do not hesitate to contact us.

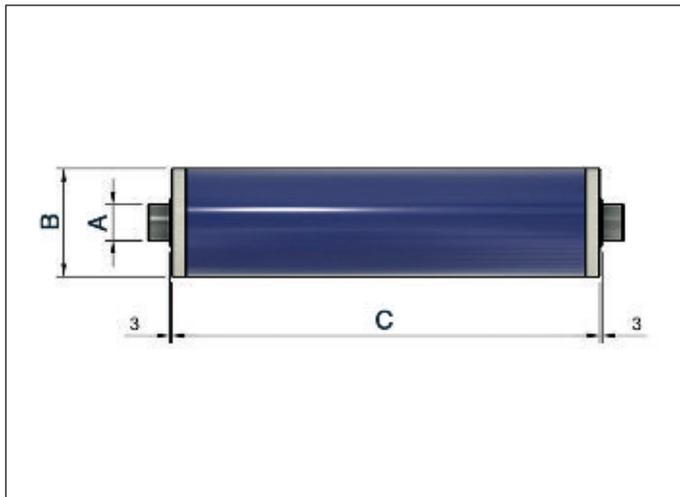
A few examples of our range INNOLLAN cable rollers:





Specifications INNOLLAN cable rollers		
Operating temperature	-40° to +100° Celcius	
Moisture resistance	Excellent	
Tensile strength	DIN 53504	>50 Mpa
Tear resistance	DIN 53515	>47 kN/m
Abrasion resistance	ISO 4649	< 85 mm ³
Rebound @ 23° Celcius	DIN53512	47%

Cable guide roller Flat type

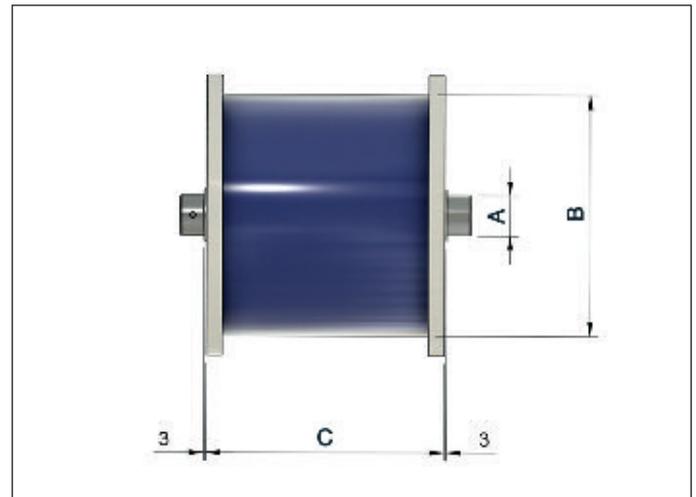


Cable guide roller Flat type:

measurements in mm

Fixed roller type F	Shaft diameter [A]	Roller diameter [B]	Roller length [C]
standard sizes	35	150	196
	50	160	392
	85	200	490
		300	588
		320	868
			1064

Cable guide roller Regular type

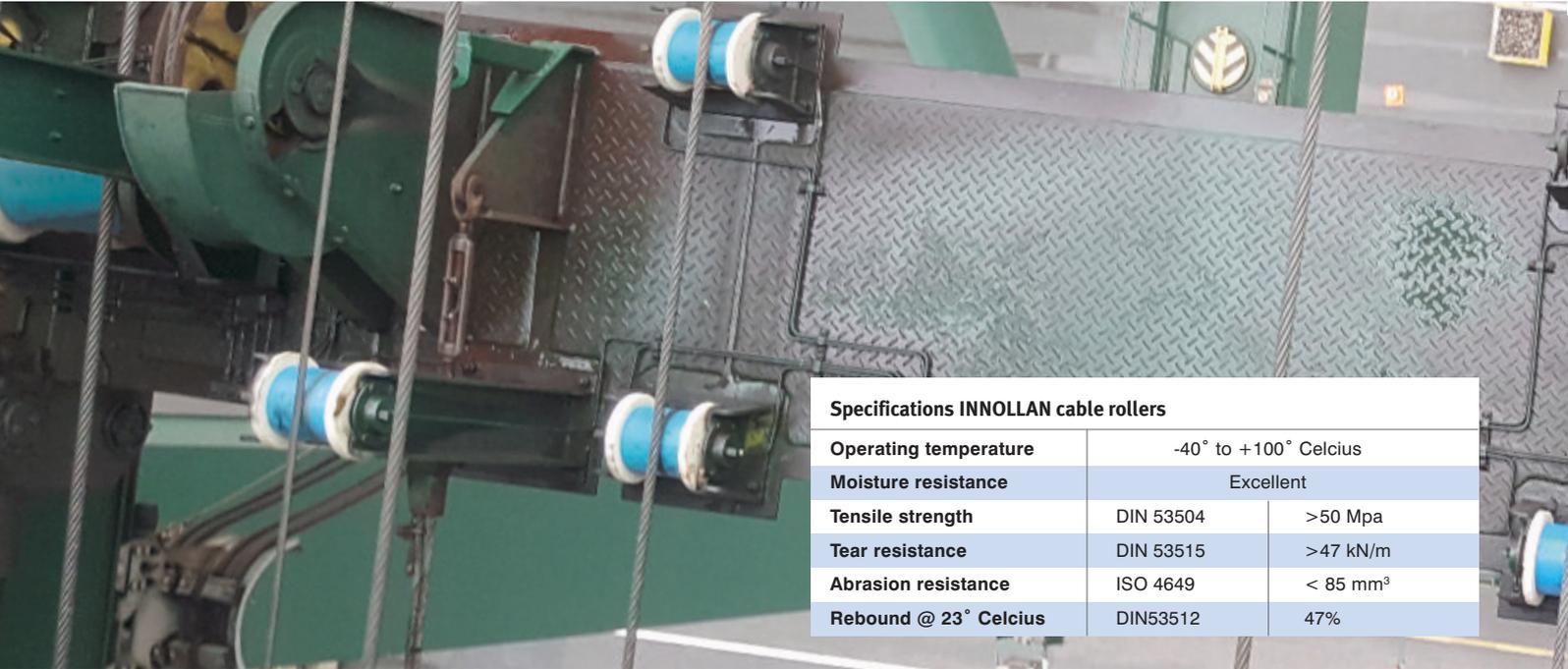


Cable guide roller Flat type:

measurements in mm

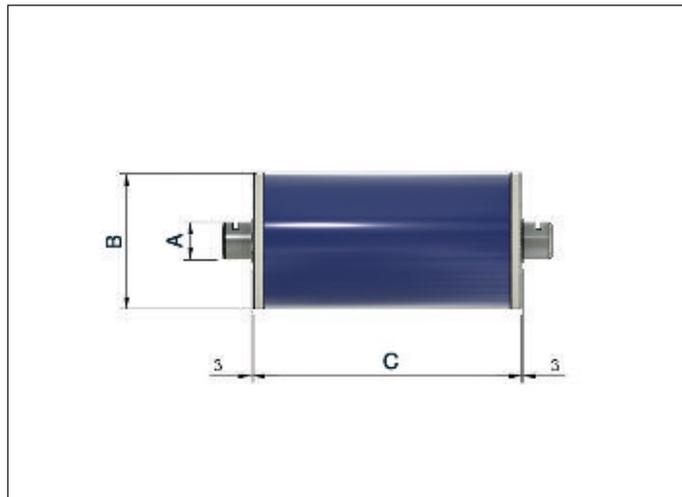
Fixed roller type R	Shaft diameter [A]	Roller and flange diameter [B]	Roller length [C]
standard sizes	35	150/200	196
	50	160/200	392
	85	300/350	490
		320/370	588
			882
			1064

Above mentioned standard sizes for shaft diameter, roller diameter and roller length can always be mixed and combined, when ordering please mention the desired combination of shaft diameter, roller diameter and roller length. Special sizes in shaft diameter, roller diameter and roller length are available upon request. It is our advice to use 3 mm clearance between roller and bracket for correct function of the roller.

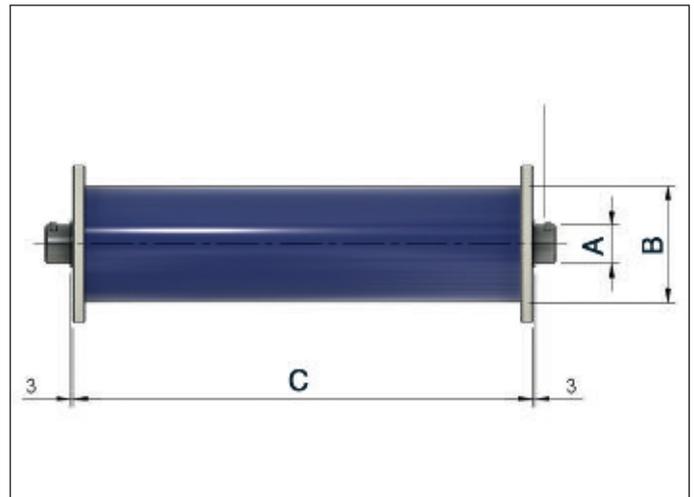


Specifications INNOLLAN cable rollers		
Operating temperature	-40° to +100° Celcius	
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Abrasion resistance	ISO 4649	< 85 mm ³
Rebound @ 23° Celcius	DIN53512	47%

1 Segment guide roller Flat type



1 Segment guide roller Regular type



1 Segment guide roller Flat type:

measurements in mm

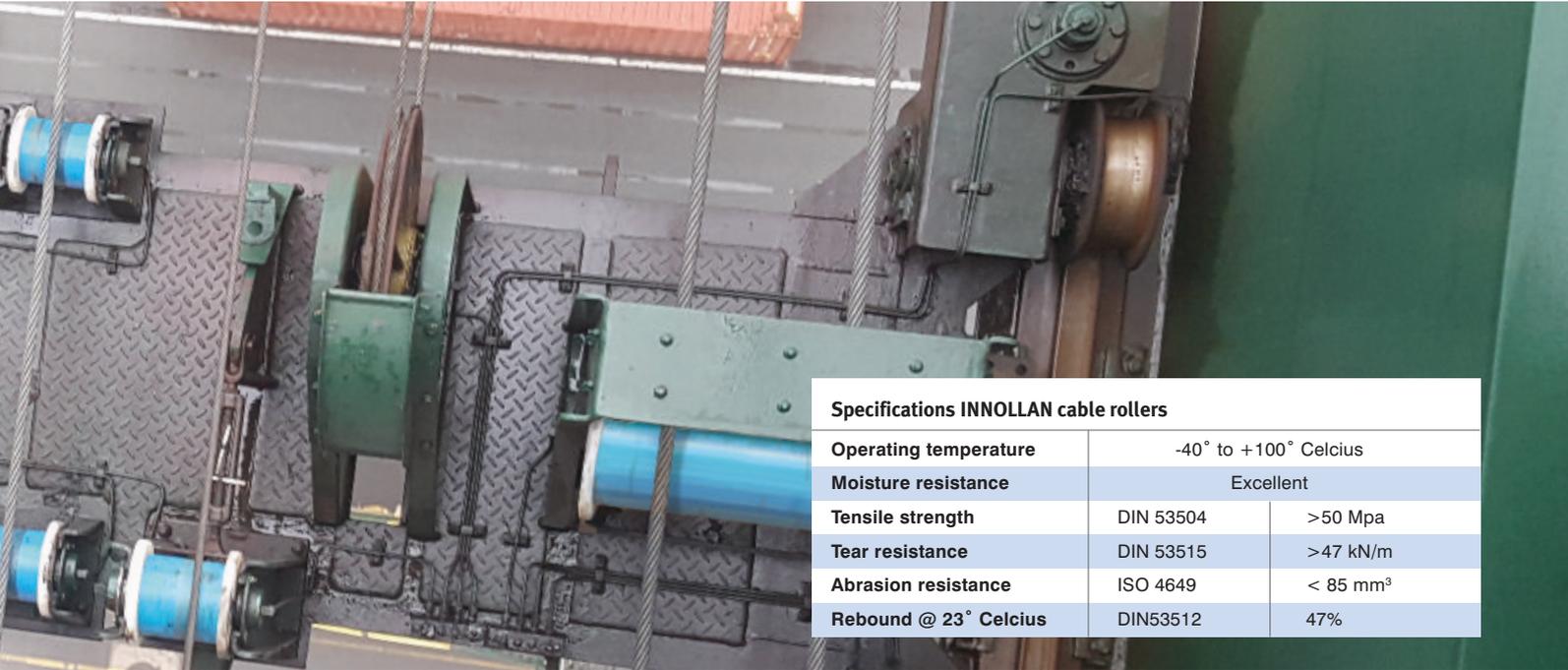
1 Segment roller type F	Shaft diameter [A]	Roller diameter [B]	Roller length [C]
standard sizes	50	150	196
	55	160	392
	60	200	490
	100	300	588
		320	882
			1064

1 Segment guide roller Regular type:

measurements in mm

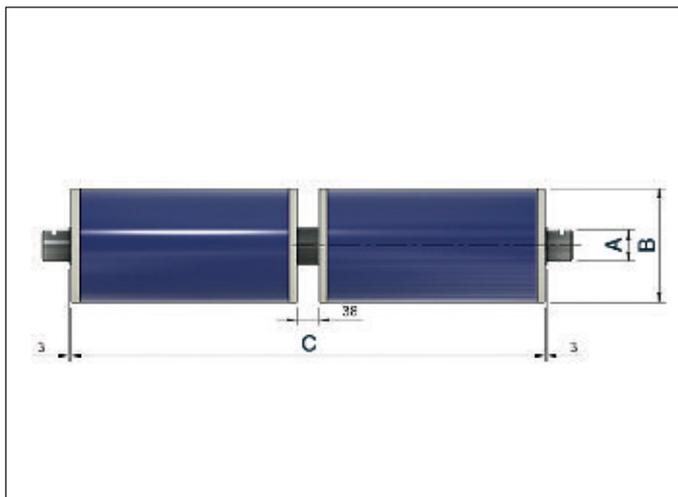
1 Segment roller type R	Shaft diameter [A]	Roller and flange diameter [B]	Roller length [C]
standard sizes	50	150/200	196
	55	160/200	392
	60	300/350	490
	100	320/370	588
			882
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Above mentioned standard sizes for shaft diameter, roller diameter and roller length can always be mixed and combined, when ordering please mention the desired combination of shaft diameter, roller diameter and roller length. Special sizes in shaft diameter, roller diameter and roller length are available upon request
 As a standard our rollers are internally equipped with life-time sealed roller bearings
 An option for external forced lubrication is available upon request
 It is our advice to use 3 mm clearance between roller and bracket for correct function of the roller



Specifications INNOLLAN cable rollers		
Operating temperature	-40° to +100° Celcius	
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Tensile strength	DIN 53504	>50 Mpa
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Abrasion resistance	ISO 4649	< 85 mm ³
Rebound @ 23° Celcius	DIN53512	47%

2 Segment guide roller Flat type

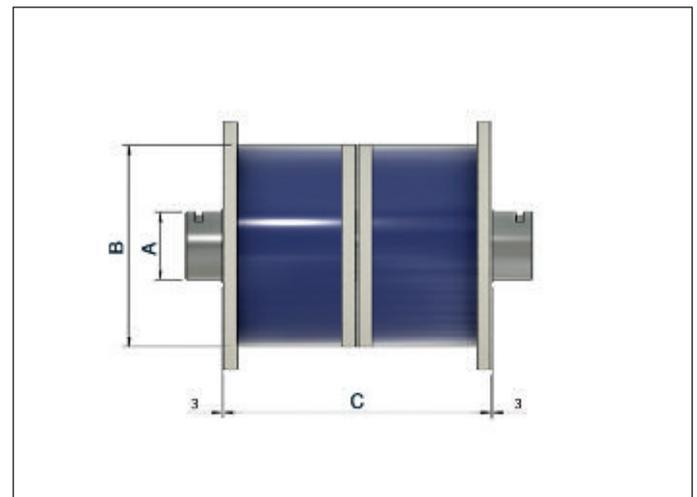


2 Segment guide roller Flat type:

measurements in mm

2 Segment roller type F	Shaft diameter [A]	Roller diameter [B]	Roller length [C]
standard sizes	50	150	392
	55	160	588
	60	200	490
	100	300	882
		320	1064

2 Segment guide roller Regular type

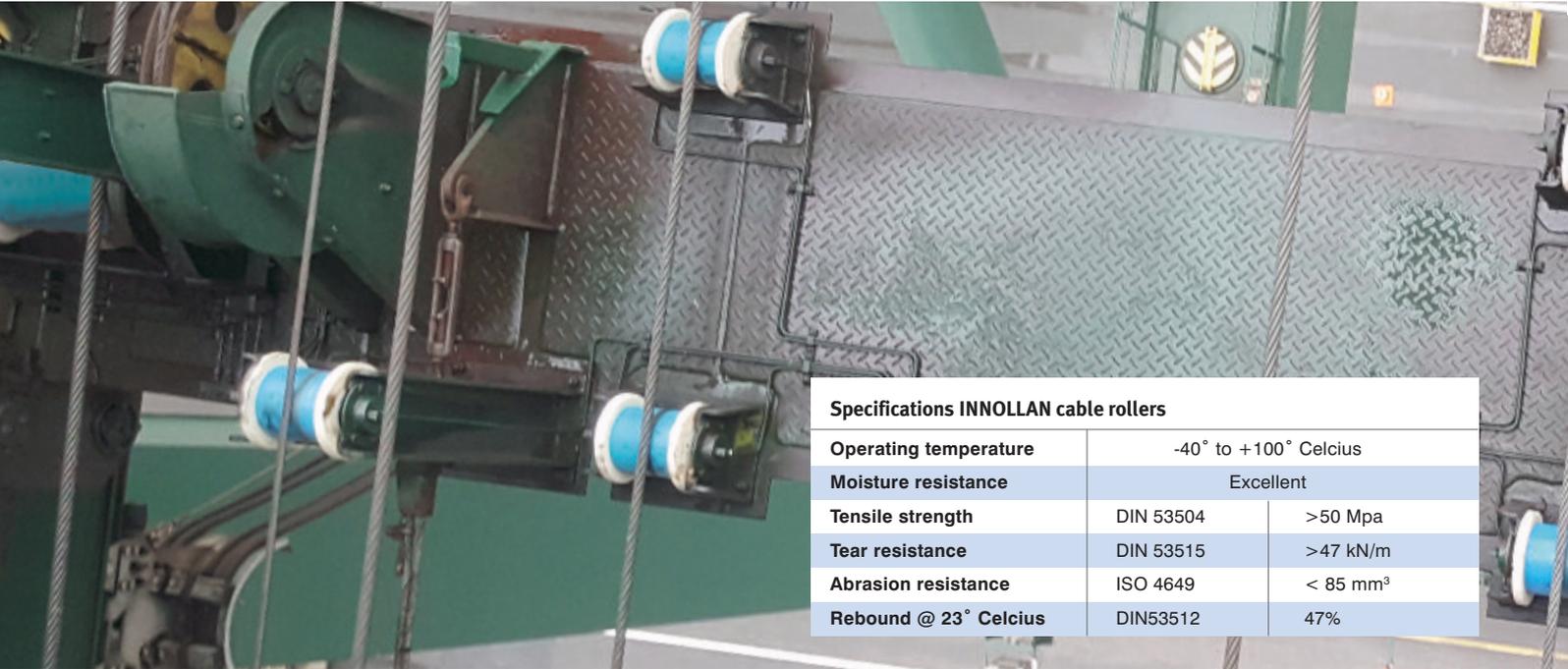


2 Segment guide roller Regular type:

measurements in mm

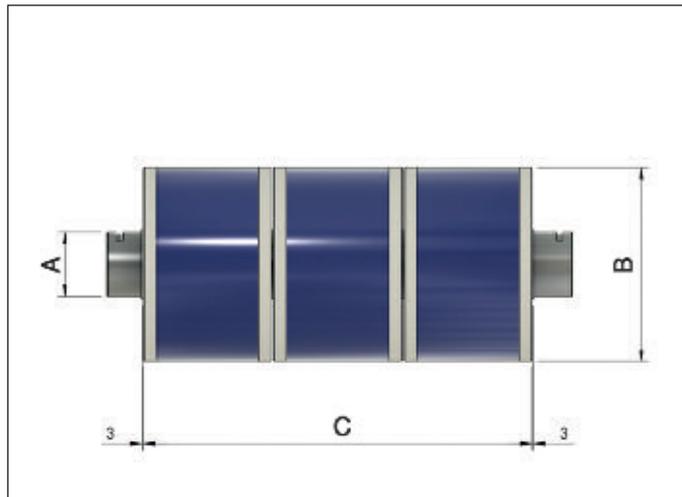
2 Segment roller type R	Shaft diameter [A]	Roller and flange diameter [B]	Roller length [C]
standard sizes	50	150/200	392
	55	160/200	490
	60	300/350	588
	100	320/370	882
			1064

Above mentioned standard sizes for shaft diameter, roller diameter and roller length can always be mixed and combined, when ordering please mention the desired combination of shaft diameter, roller diameter and roller length. Special sizes in shaft diameter, roller diameter and roller length are available upon request
 As a standard our rollers are internally equipped with life-time sealed roller bearings
 An option for external forced lubrication is available upon request
 It is our advice to use 3 mm clearance between roller and bracket for correct function of the roller
 Rollers with extra space in the middle section possible upon request

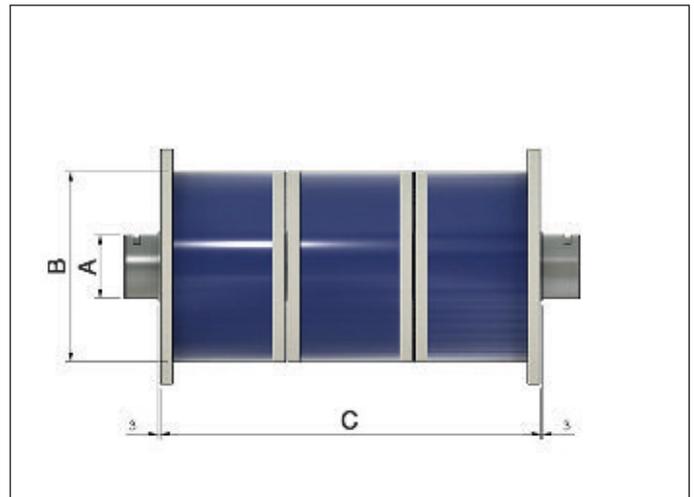


Specifications INNOLLAN cable rollers		
Operating temperature	-40° to +100° Celcius	
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Tensile strength	DIN 53504	>50 Mpa
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Abrasion resistance	ISO 4649	< 85 mm ³
Rebound @ 23° Celcius	DIN53512	47%

3 Segment guide roller Flat type



3 Segment guide roller Regular type



3 Segment guide roller Flat type:

measurements in mm

3 Segment roller type F	Shaft diameter [A]	Roller diameter [B]	Roller length [C]
standard sizes	50	150	490
	55	160	588
	60	200	882
	100	300	1064
		320	

2 Segment guide roller Regular type:

measurements in mm

3 Segment roller type R	Shaft diameter [A]	Roller and flange diameter [B]	Roller length [C]
standard sizes	50	150/200	490
	55	160/200	588
	60	300/350	868
	100	320/370	1064

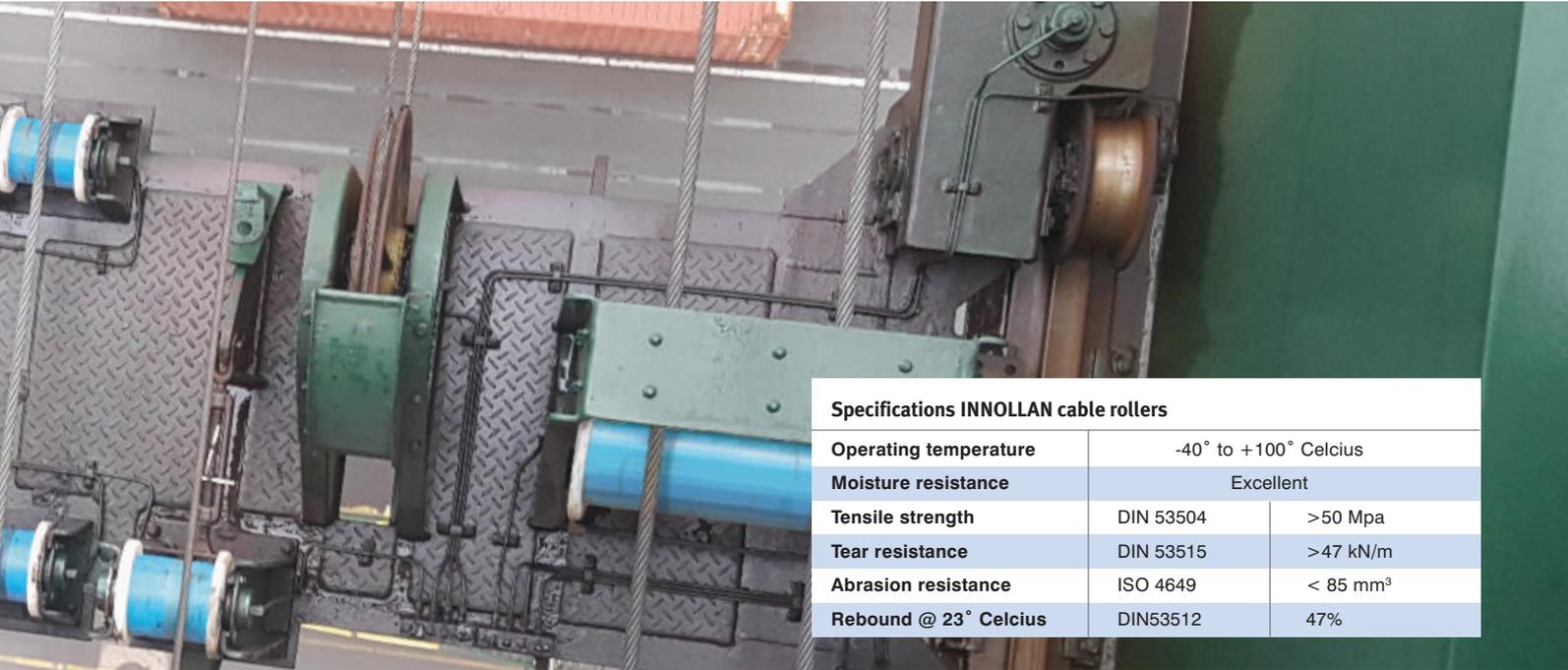
Above mentioned standard sizes for shaft diameter, roller diameter and roller length can always be mixed and combined, when ordering please mention the desired combination of shaft diameter, roller diameter and roller length.

Special sizes in shaft diameter, roller diameter and roller length are available upon request

As a standard our rollers are internally equipped with life-time sealed roller bearings

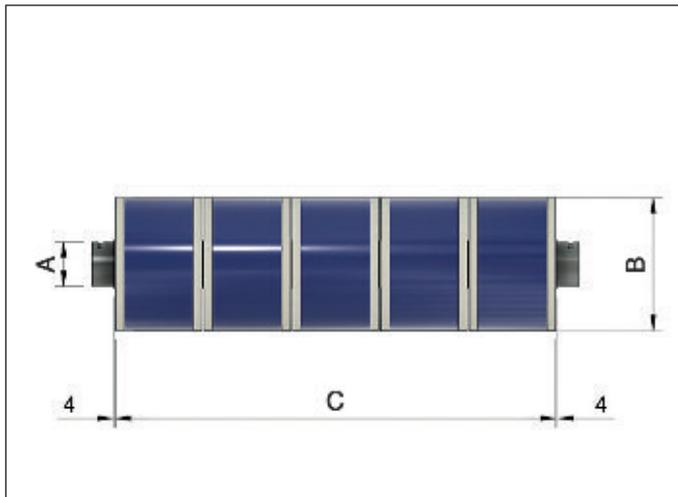
An option for external forced lubrication is available upon request

It is our advice to use 3 mm clearance between roller and bracket for correct function of the roller



Specifications INNOLLAN cable rollers		
Operating temperature	-40° to +100° Celcius	
Moisture resistance	Excellent	
Tensile strength	DIN 53504	>50 Mpa
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Abrasion resistance	ISO 4649	< 85 mm ³
Rebound @ 23° Celcius	DIN53512	47%

5 Segment guide roller Flat type

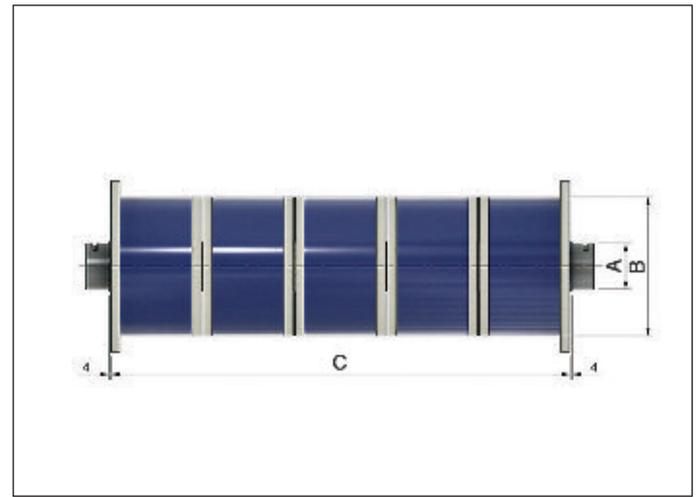


5 Segment guide roller Flat type:

measurements in mm

5 Segment roller type F	Shaft diameter [A]	Roller diameter [B]	Roller length [C]
standard sizes	50	150/200	980
	55	160/200	1176
	60	300/350	1372
	100	320/370	

5 Segment guide roller Regular type



5 Segment guide roller Regular type:

measurements in mm

5 Segment roller type R	Shaft diameter [A]	Roller and flange diameter [B]	Roller length [C]
standard sizes	50	150/200	980
	55	160/200	1176
	60	300/350	1372
	100	320/370	

Above mentioned standard sizes for shaft diameter, roller diameter and roller length can always be mixed and combined, when ordering please mention the desired combination of shaft diameter, roller diameter and roller length.

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INNOVATIVE DOCK SOLUTIONS | REFURBISHMENT & MODIFICATION
IMPROVEMENTS FOR PORT EQUIPMENT
OVERHAUL AND SMART MAINTENANCE | SPARE PARTS

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