Brushing device BR

For the lubrication of floor or overhead conveyors with forged chain

The brushing device is specially designed for cleaning and preparing chains and/or bearing rollers before performing any lubrication.

Due to its robust design, the ease of controlling and adjusting it, and the reliability of its components, this brushing device is particularly recommended for operation in special surroundings like sugar refineries, cement works or car paint lines.

- Brushes are only in contact during the brushing phase.
- Double system ensures that both sides of the chain are brushed.
- Some models are designed to clean the chain only (C models) and others clean the chain and the bearing rollers (GC models).
- Manual lifting of the brushes for maintenance and repair works.

Design

The brushing device BR mainly consists of a frame and metal brushes. The brushes may have different diameters in order to simultaneously clean the rollers and the chain. The shaft carrying the brushes is driven by an electric motor. The shaft and brushes are protected by a housing in order to prevent any accidental projection of particles. A removable plate allows easy cleaning of the housing.

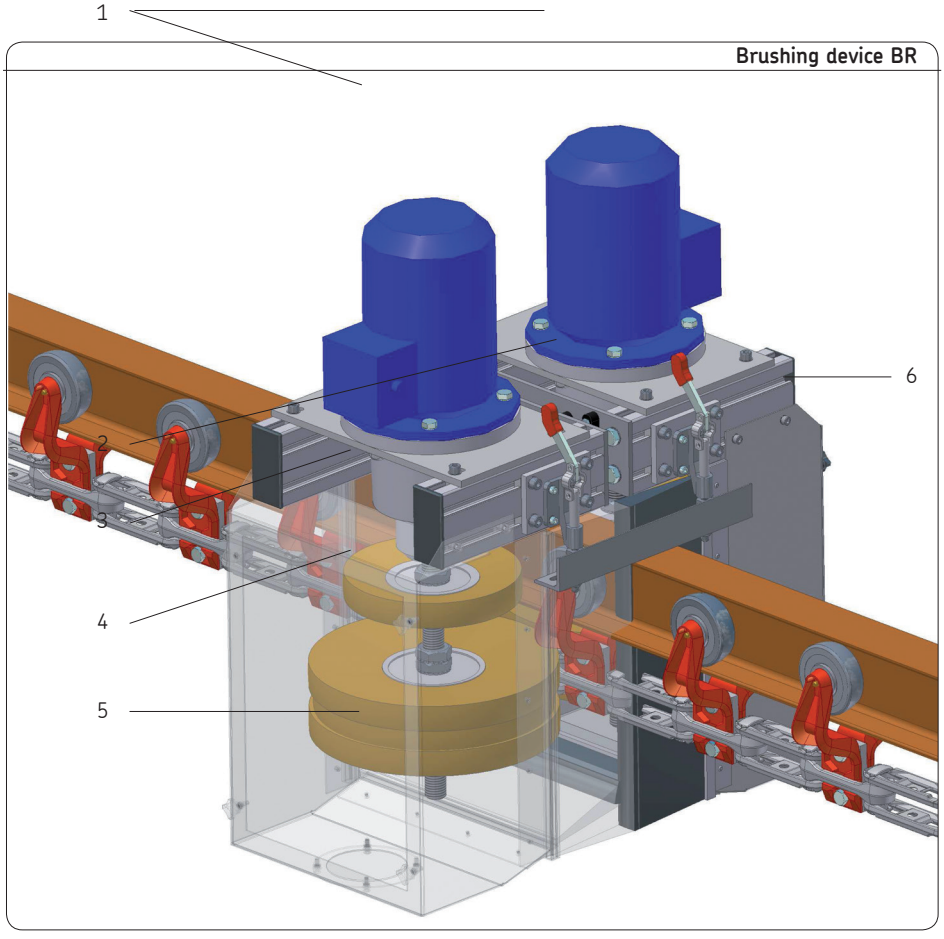
This is a double brushing device used to clean both sides of the chain. Single brushing devices are also available.

It is possible to lift up by hand (handle) the brushes during maintenance or repairs such as height setting or brush changing.

The brushing device BR is directly mounted on the rail with a welded spacer.

Function

When the chain moves, the motors are actuated and drive the brushes in a rotation direction opposite to the movement of the chain. The brushes clean the rollers and the chain while passing and spring clips maintain the brushes in contact with them.



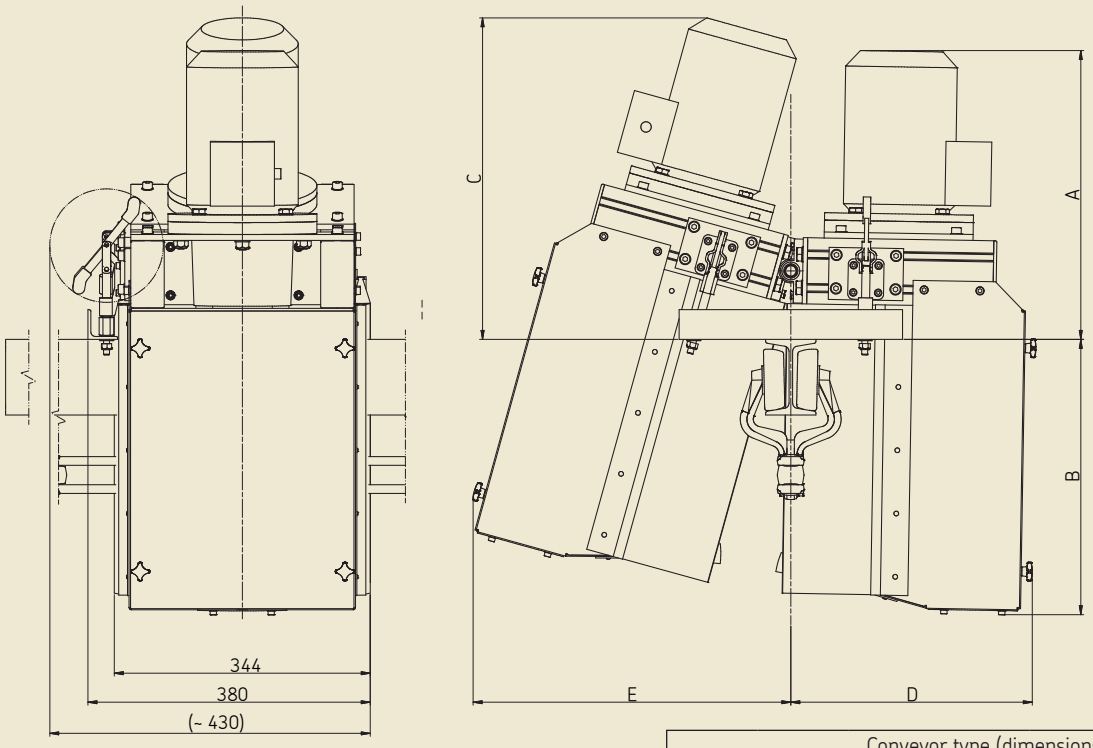
Brushing device BR

Brushing device

1. Motor
2. Hand-operated lifting device
3. Brush for roller nipple
4. Brush for chain
5. Removable plate, evacuation of dust
6. Protection housing

See important product usage information on the back cover.
See operating instruction 951-130-455.

Brushing device dimension



	Conveyor type (dimensions rail/chain)					
Size	**2/2″**	**3/3″**	**4/4″**	**4/6″**	**6/6″**	**6/4″**
A	390	390	390	390	350	350
B	365	365	365	365	405	405
C	430	430	430	430	390	390
D	632	640	650	665	665	650
E	792	800	810	825	825	810

Technical data

Brushing device BR

Power supply

Motor(s) type . . . . . 80 L
Operating voltage . . . . . 230/400 V – 50/60 Hz
Power . . . . . 0,55 kW
Current . . . . . 1,5 A / 400 V
or . . . . . 2,8 A / 230 V
Rotation speed . . . . . 1 500 min^{-1}/s
Please contact us for other features, tropicalization...

Operating conditions

Operating temperature . . . . . 15 to 60 °C
Protection . . . . . IP 55
EC standards

Material

Brushes . . . . . brass wire, Ø 0,175 cm (Michelin standard)

Order information

Brushing device BR

	Dimensions "rail/chain"	Brushing type	
		chain	chain + roller
BR-DM-22-C+MIN	2/2"	•	
BR-DM-33-C+MIN	3/3"	•	
BR-DM-44-C+MIN	4/4"	•	
BR-DM-46-C+MIN	4/6"	•	
BR-DM-64-C+MIN	6/4"	•	
BR-DM-66-C+MIN	6/6"	•	
BR-DM-22-GC+MIN	2/2"		•
BR-DM-33-GC+MIN	3/3"		•
BR-DM-44-GC+MIN	4/4"		•
BR-DM-46-GC+MIN	4/6"		•
BR-DM-64-GC+MIN	6/4"		•
BR-DM-66-GC+MIN	6/6"		•

Order No.: 1-4105-EN
Subject to change without notice! (04/2009)

Important product usage information
All products from SKF may be used only for their intended purpose as described in this brochure and in any instructions. If operating instructions are supplied with the products, they must be read and followed.
Not all lubricants are suitable for use in centralized lubrication systems. SKF does offer an inspection service to test customer supplied lubricant to determine if it can be used in a centralized system. SKF lubrication systems or their components are not approved for use with gases, liquefied gases, pressurized gases in solution and fluids with a vapor pressure exceeding normal atmospheric pressure (1013 mbars) by more than 0,5 bar at their maximum permissible temperature.
Hazardous materials of any kind, especially the materials classified as hazardous by European Community Directive EC 67/548/EEC, Article 2, Par. 2, may only be used to fill SKF centralized lubrication systems and components and delivered and/or distributed with the same after consulting with and receiving written approval from SKF.

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