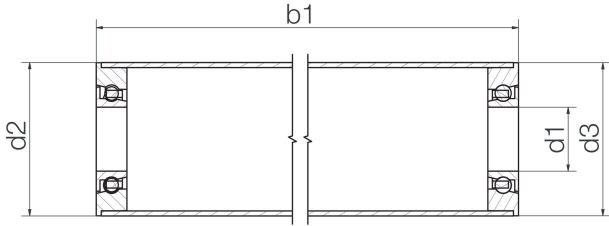
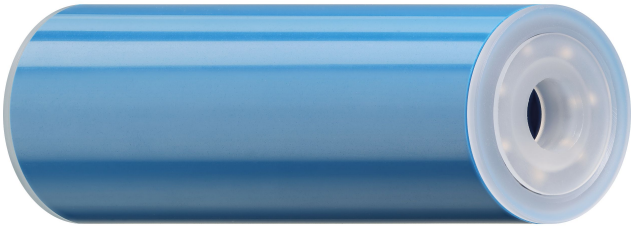


xiros® conveyor roller, PVC tube, for the chemical and semiconductor industry

BBT-PVC30-6000-C160-20-GL



xiros® conveyor roller, PVC tube, for the chemical and semiconductor industry

- Outer Ø: 30, 40 mm
- Extremely resistant to chemicals
- Ideal for transporting batteries or rechargeable batteries
- Length tolerance: ±0.5 mm

Ø d3 (Flange)	30 mm
Ø d2	30 mm
Ø d1	10 mm
Length of guide roller	50 - 1,000mm

Product description

Introducing the xiros® conveyor roller, designed specifically for the chemical and semiconductor industries. This durable PVC tube roller features xirodur C160 flanged ball bearings, making it highly resistant to harsh chemicals like perchloric acid and ammonium nitrate. Perfect for transporting goods such as rechargeable batteries, this ready-to-install system eliminates costly in-house production. Environmentally friendly, it requires no additional lubricants, supporting sustainability efforts in material handling.

General properties

Roll material	PVC
Ball material	Glass

Thermal properties

Max. long-term application temperature	80 °C
Lower application temperature	0 °C

Mechanical properties

Static load capacity	120 N
max. speed (rpm)	1700.0000



General chemical resistance

Alcohol	+ resistant
Greases, oils without additives	+ resistant
Hydrocarbons	+ to 0 resistant to conditionally resistant
Fuels	+ to 0 resistant to conditionally resistant
Strong alkalis	+ resistant
Strong acids	+ to 0 resistant to conditionally resistant
Diluted alkalis	+ resistant
Diluted acids	+ resistant

Dimensions

Ø d1	10 mm
Ø d2	30 mm
Ø d3 (Flange)	30 mm
Length of guide roller	50 - 1,000mm
Tolerance of shaft	h6