

xiros® conveyor rollers | Product range

xiros® system solution - aluminium tube with fixed flange ball bearings



Aluminium tube with xirodur® B180 ball bearing

- Cost-effective and available from stock
- Suitable for contact with food according to DIN EN 143692



Order key

Type	Material
BBT-AC38-6000-B180-10-ES	
Ball bearing conveyor roller	Aluminium tube
Outer Ø	Dimensions according to DIN 625-1
Race material	Cage material
	Ball material

Cage material

10 : PA

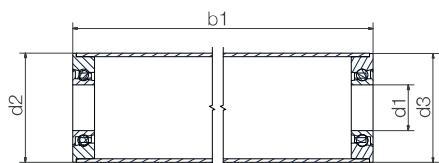
30 : xirodur® B180

Ball material

ES : Stainless steel



Radial deep groove ball bearings with flange also available as individual parts ► Page 1056



Dimensions [mm]

Inner Ø	Outer Ø	Flange Ø	Length	Part No.
d1	d2	d3	b1 Tolerance	
6	20	19.9	50-500 ±0.5	BBT-AC20-606-B180-30-ES
8	20	19.9	50-500 ±0.5	BBT-AC20-688-B180-30-ES
8	30	29.9	50-1,500 ±0.5	BBT-AC30-608-B180-10-ES
10	30	29.9	50-1,500 ±0.5	BBT-AC30-6000-B180-10-ES
12	30	29.9	50-1,500 ±0.5	BBT-AC30-6001-B180-10-ES
10	38	37.9	50-1,500 ±0.5	BBT-AC38-6000-B180-10-ES
12	38	37.9	50-1,500 ±0.5	BBT-AC38-6001-B180-10-ES
15	38	37.9	50-1,500 ±0.5	BBT-AC38-6002-B180-10-ES
17	38	37.9	50-1,500 ±0.5	BBT-AC38-6003-B180-10-ES
20	50	49.9	50-1,500 ±0.5	BBT-AC50-6004-B180-30-ES
20	60	59.9	50-1,500 ±0.5	BBT-AC60-6004-B180-30-ES



Online configurator for xiros® system solutions
► www.igus.eu/xirosAlu



Order example:

BBT-AC38-6000-B180-10-ES, L = 500mm = Aluminium tube with 2 ball bearings with race material xirodur® B180, PA cage and stainless steel balls, total length 500mm



Available from stock

Delivery time: approx. 1-2 weeks

xiros® conveyor rollers | Product range **New**

xiros® system solution - with sandblasted surface



Order key

Type	Material
BBT-S AC30-6000-B180-10-ES	
Ball bearing conveyor roller	Aluminium tube
Outer Ø	Black
Race material	Dimensions according to DIN 625-1
	Cage material
	Ball material

Cage material

10 : PA

30 : xirodur® B180

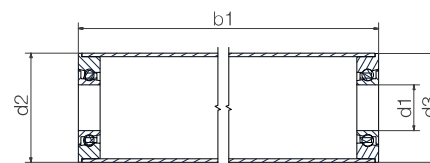
Ball material

ES : Stainless steel



Aluminium tube with xirodur® B180 ball bearing

- Up to 50% less air under the film than a smooth aluminium surface
- Up to 30% more grip compared to a smooth aluminium surface



Dimensions [mm]

Inner Ø	Outer Ø	Flange Ø	Length	Part No.
d1	d2	d3	b1 Tolerance	
6	20	20	100-1,000 ±0.5	BBT-SAC20-606-B180-30-ES New
8	20	20	100-1,000 ±0.5	BBT-SAC20-608-B180-30-ES New
8	30	30	100-1,000 ±0.5	BBT-SAC30-608-B180-10-ES New
10	30	30	100-1,000 ±0.5	BBT-SAC30-6000-B180-10-ES New
12	30	30	100-1,000 ±0.5	BBT-SAC30-6001-B180-10-ES New
10	38	38	100-1,000 ±0.5	BBT-SAC38-6000-B180-10-ES New
12	38	38	100-1,000 ±0.5	BBT-SAC38-6001-B180-10-ES New
15	38	38	100-1,000 ±0.5	BBT-SAC38-6002-B180-10-ES New
17	38	38	100-1,000 ±0.5	BBT-SAC38-6003-B180-10-ES New
20	50	50	100-1,000 ±0.5	BBT-SAC50-6004-B180-30-ES New
20	60	60	100-1,000 ±0.5	BBT-SAC60-6004-B180-30-ES New



Order example:

BBT-SAC20-606-B180-30-ES, L = 200mm = Aluminium tube, sandblasted, installation size 606 with xirodur® B180 fixed flange ball bearing, xirodur® B180 cage and stainless steel balls, total length 200mm



Available from stock

Delivery time: approx. 3-4 weeks