

C-RAIL



ROLLCO

SPECIALIZED
ON LINEAR MOTION

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A simple and cost-effective linear bearing for applications where good load capacity and corrosion resistance is important.

Stainless Steel Version

This version of the formed rail (SXTE) is made of AISI304 stainless steel. AISI316 available on request. The raceways are internal for better protection and compactness. The sliders (LXBE/LXWL) have three stainless steel (AISI440) radial ball bearings with double rubber seals (2RS) and are lubricated for life. These rollers have eccentric pivots that allow adjusting the preload when mounted inside the rail. The rollers are mounted to the stainless steel (AISI304) slider body. Sliders moving inside internal raceways guarantee the best level of protection against impurities, debris, and external abuse.

- Corrosion resistant even after scratching, etching and chipping
- Can be used in washdowns
- Resistant to high temperatures and temperature changes
- No coatings that could flake or chip
- Low coefficient of friction
- Ecological and recyclable materials

Technical Data

- Max. temperature: 100°C (212°F)
- Speed: 1,5 m/s
- Corrosion resistance for stainless version: Minerals oils, water, methanol, solvents

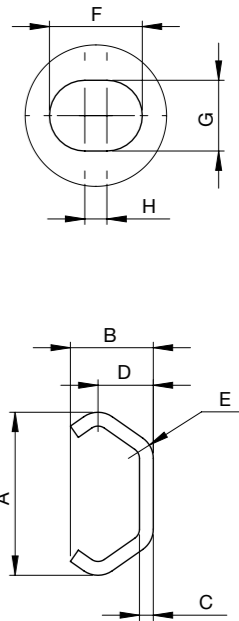
Application Fields

- Food industry: production and packing of food/beverages
- Chemical and environment industry: water treatment devices
- Medical industry: analysis equipment
- Transport industry: sliding doors and boat constructions
- Power industry: boilers and house fireplaces
- Mechanical devices: car wash and automatic gates
- Machine tools: protective panel movement



Rail

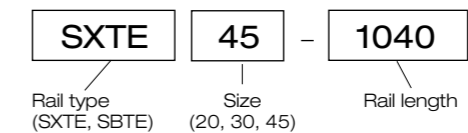
SBTE: Standard zinc plated steel
SXTE: Stainless steel



Special lengths are available upon request. Please contact Rollco for more information.

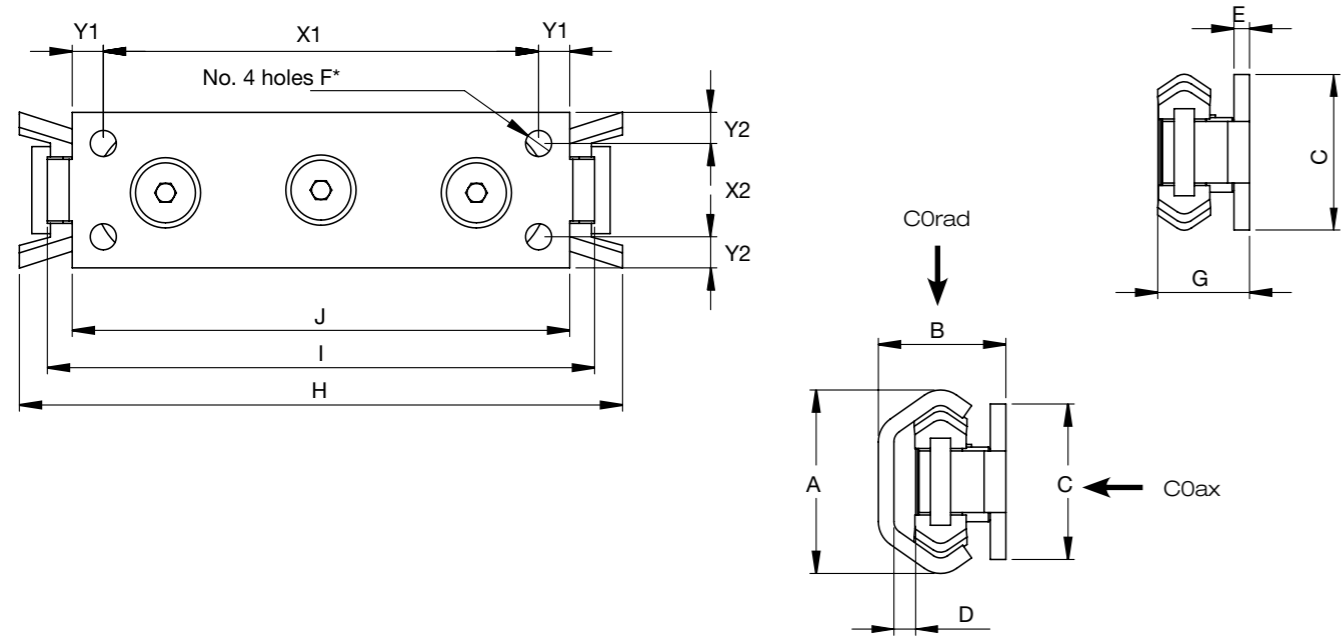
Article No.	A	B	C	D	E	F	G	H	L	Fixing screws	Weight
	mm										g/m
SBTE45	45,7	24,5	4	15,5	6	11	9	2	6080	C45-M8x16	2290
SXTE20	19,2	10	2	7	3	7	5	2	4000	C20-M4x8	470
SXTE30	29,5	15	2,5	10	4,5	8,4	6,4	2	4000	C30-M5x10	900
SXTE45	45,7	24,5	4	15,5	6	11	9	2	6080	C45-M8x16	2290

Order code



Slider Plate Version

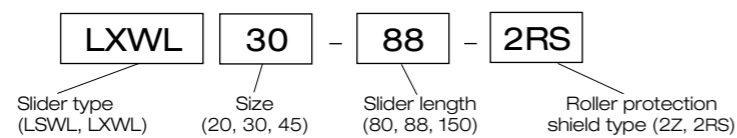
LSWL: Stainless steel body with scrapers and standard steel rollers
LXWL: Stainless steel body with scrapers and stainless steel rollers



Article No.	A	B	C	D	E	F	G	H	I	J	Y1	X1	X2	Y2	Weight	Load capacity (N)	
																C0rad	C0ax
LSWL20-80-2Z	19,2	16,0	18	2,5	3,0	M5	11,5	91	80	71	5,5	60	-	9	0,05	300	170
LSWL30-88-2Z	29,5	20,5	25	4,0	2,5	M5	14,5	97	88	80	5,0	70	15	5	0,11	800	400
LSWL45-150-2Z	45,7	31,0	40	5,0	4,0	M6	22	160	150	135	7,5	120	23	8,5	0,40	1600	860
LXWL20-80-2RS	19,2	16,0	18	2,5	3,0	M5	11,5	91	80	71	5,5	60	-	9	0,05	300	170
LXWL30-88-2RS	29,5	20,5	25	4,0	2,5	M5	14,5	97	88	80	5,0	70	15	5	0,11	800	400
LXWL45-150-2RS	45,7	31,0	40	5,0	4,0	M6	22	160	150	135	7,5	120	23	8,5	0,40	1600	860

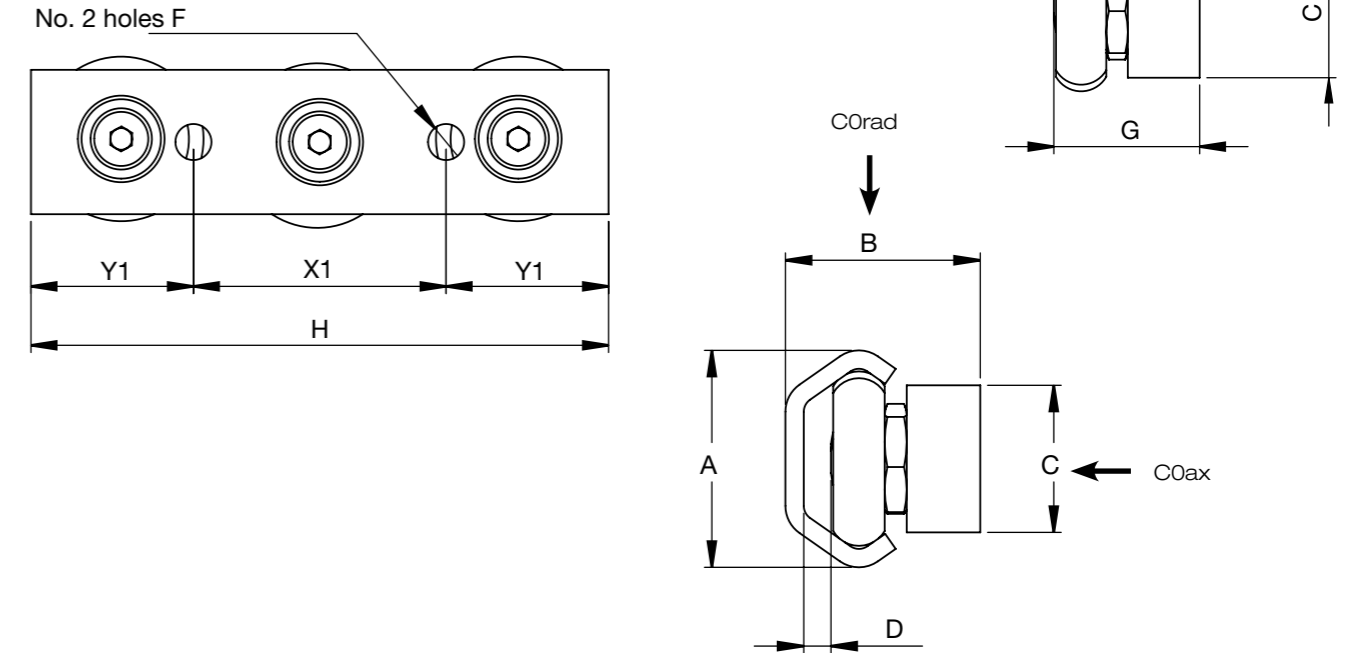
A, B and D = with rail

Order code



Slider Solid Version

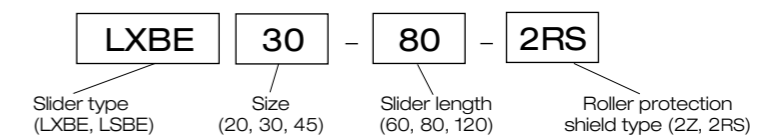
LSBE: Stainless steel body and standard steel rollers
LXBE: Stainless steel body and rollers



Article No.	A	B	C	D	E	F	G	H	X1	Y1	Weight	Load capacity (N)	
												C0rad	C0ax
LSBE20-60-2Z	19,2	17,8	10	2,65	6	M5	13,15	60	20	20	0,04	300	170
LSBE30-80-2Z	29,5	26,5	20	3,7	10	M6	20,3	80	35	22,5	0,17	800	400
LSBE45-120-2Z	45,7	41	30	5,1	15	M8	31,9	120	55	32,5	0,60	1600	860
LXBE20-60-2RS	19,2	17,8	10	2,65	6	M5	13,15	60	20	20	0,04	300	170
LXBE30-80-2RS	29,5	26,5	20	3,7	10	M6	20,3	80	35	22,5	0,17	800	400
LXBE45-120-2RS	45,7	41	30	5,1	15	M8	31,9	120	55	32,5	0,60	1600	860

A, B and D = with rail

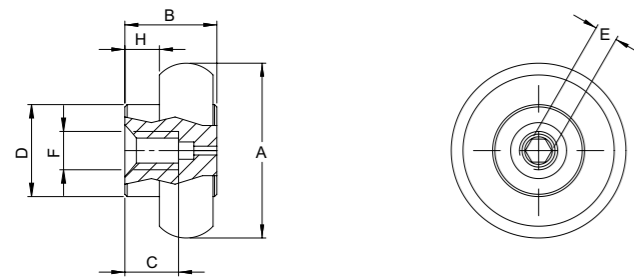
Order code



Rollers for Plate Version

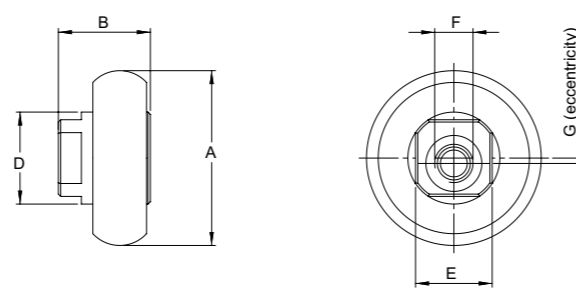
CONCENTRIC ROLLER

RSBLN: Standard bearing steel
RXBLN: Stainless bearing steel



ECCENTRIC ROLLER

RSBLA: Standard bearing steel
RXBLA: Stainless bearing steel

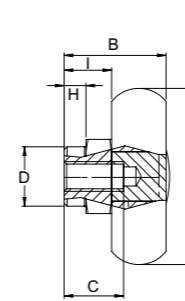


Article No.	A	B	C	D	E	F	G	H	Weight
	mm								kg
RSBLN20-2Z RXBLN20-2RS	14	8,2	6	8	2	M4	-	4	0,006
RSBLA20-2Z RXBLA20-2RS	14	8,2	6	8	6	M4	0,5	4	0,006
RSBLN30-2Z RXBLN30-2RS	22,8	12	7	12	3	M5	-	4,5	0,020
RSBLA30-2Z RXBLA30-2RS	22,8	12	7	12	10	M5	0,7	4,5	0,020
RSBLN45-2Z RXBLN45-2RS	35,6	17,3	12	16	3	M6	-	6	0,068
RSBLA45-2Z RXBLA45-2RS	35,6	17,3	12	16	13	M6	0,8	6	0,068

Rollers for Solid Version

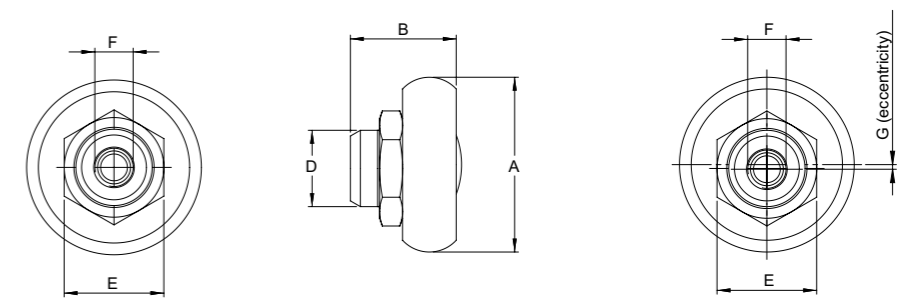
CONCENTRIC ROLLER

RSBN: Standard bearing steel
RXBN: Stainless bearing steel



ECCENTRIC ROLLER

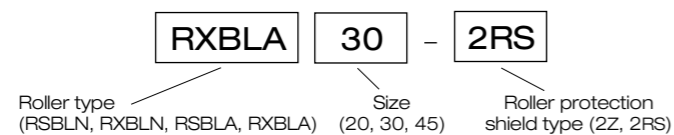
RSBA: Standard bearing steel
RXBA: Stainless bearing steel



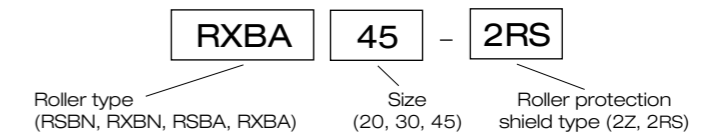
Article No.	A	B	C	D	E	F	G	H	I	Weight
	mm									kg
RSBN20-2Z RXBN20-2RS	14	8,7	6	6	8	M4	-	1,8	4,7	0,006
RSBA20-2Z RXBA20-2RS	14	8,7	6	6	8	M4	0,5	1,8	4,7	0,006
RSBN30-2Z RXBN30-2RS	22,8	13,8	7	10	13	M5	-	3,8	6,8	0,022
RSBA30-2Z RXBA30-2RS	22,8	13,8	7	10	13	M5	0,6	3,8	6,8	0,022
RSBN45-2Z RXBN45-2RS	35,6	20,6	12	12	15	M6	-	4,5	9,6	0,070
RSBA45-2Z RXBA45-2RS	35,6	20,6	12	12	15	M6	0,8	4,5	9,6	0,070

In this catalogue you will find the standard slider with 3 rollers. The rollers can also be mounted direct into your application or we can make special sliders according to your need. Please contact us for more information.

Order Code



Order Code



Notes:

Product Overview



BALL SCREWS
High efficiency ball screws and nuts.



LINEAR UNIT QME
Complete linear drive unit with ball bushings and ball screws.



LINEAR UNIT RHL
Complete unit with tooth belt.



LINEAR UNITS
Complete unit with ball screw or tooth belt.



ALUMINIUM PROFILES
A full program of aluminium profiles and accessories.



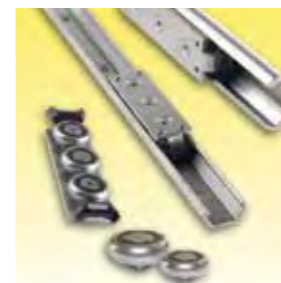
BELT CONVEYOR
Transportation system with different drive options



U-RAIL
Rollers in steel or polyamide. For light, standard or heavy load. Mounted in U-rails.



COMPACT RAIL
No more problems with parallelism. Low noise. Lifetime lubricated bearings.



C-RAIL
A simple and cost effective linear bearing system



LINEAR RAIL SYSTEM
The most standardized linear rail system.



MINIATURE
Range from 3 mm up to 15 mm.



EASY RAIL
A strong solution for short strokes.



ROLLER GUIDES
Four raceways with rollers. High load capacity.



HEAVY TELESCOPIC
The strongest solution for extraction.



LIGHT TELESCOPIC
Telescopic systems for smooth movement. Steel and aluminium.



BALL BEARINGS
Linear ball bearings and hardened steel shafts.

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