



GURA Roller Curve, Round Belt Drive



The GURA roller curve with round belt drive is designed to convey boxes, steel and plastic containers.

This powered roller curve is mainly used for the in-house transport with picking, sorting and distribution systems. It is also used for the transport of workpiece carriers and to connect machine and assembly stations.

This conveyor is designed for a safe transport of goods up to a max. load of 60 daN/m in a simple and economical way.

The zinc-plated steel rollers are restrained and driven by PU round belt with a diameter of 10 mm.

By this low-pressure, reduced noise and low-maintenance accumulation and conveying is achieved. The slave power is independent of the weight of the goods to be conveyed.

The speed (v) is from 0.1 to 0.4 m/s.

The reference value for the carrying capacity is approximately 30 daN/m for boxes and approximately 50 daN/m for steel and plastic containers.

For troublefree operation you only need an oil and grease-free environment.

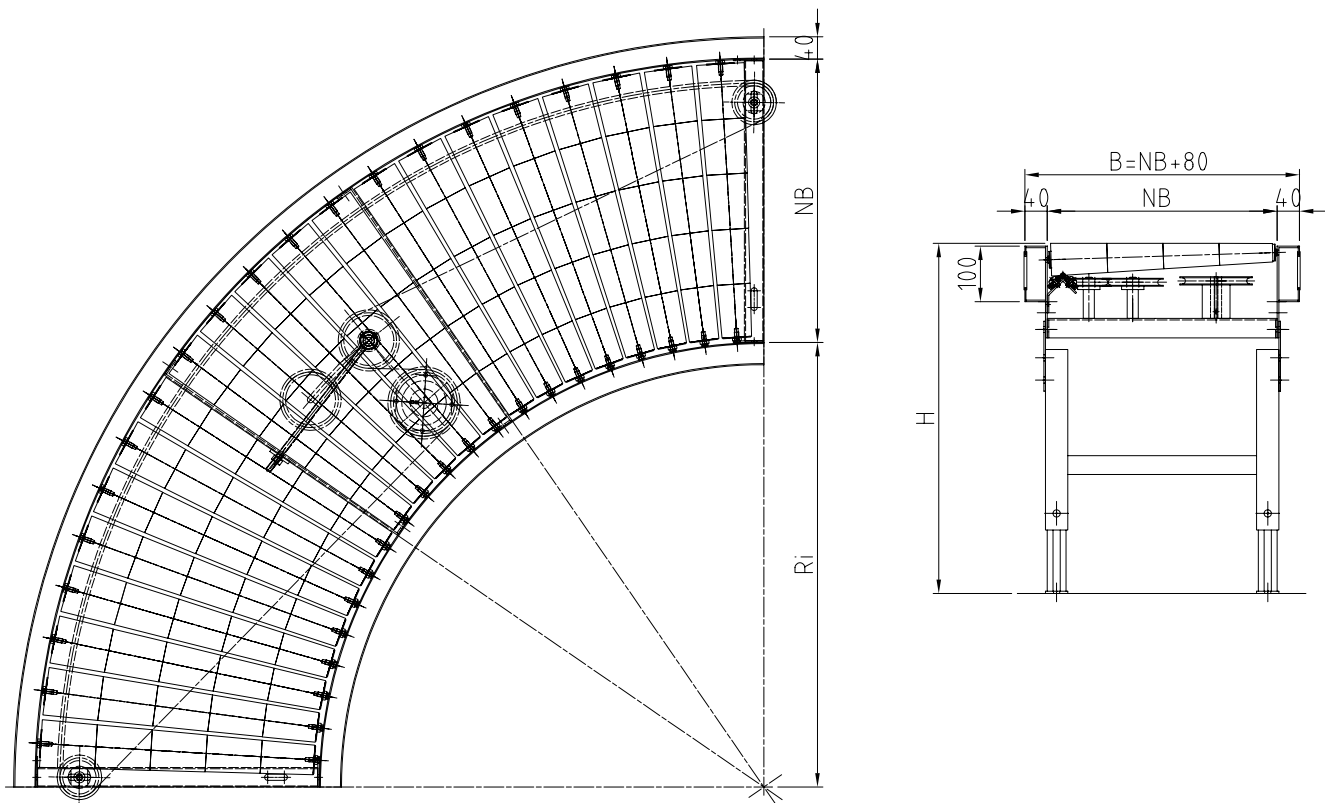
As an option we offer enamelled steel profiles.

The steel profiles are sealed with a black plastic cover (PP) over the whole length. It can be used as a cable channel or a compressed-air piping channel.

To upgrade your system a large-scale of ancillary equipment is provided, as well as controls.

GURA Roller Curve, Round Belt Drive

- Bed widths: 310, 410, 510, 610, 710, 810, 910 mm
- Roller pitch: approx. 55 mm
- Steel rollers: \varnothing 50 mm, zinc-plated
- Drive: 3x230/400 volts, Spiroplan gear motor, v = approx. 0.3 m/s, via tangential round belt
- Customized widths possible
- Frame: zinc-plated steel (SV); enamelled version (SL) on request
- Zinc-plated H-type supports and mountings
- Our complete system program includes straight lines, curves, merges and further components.
- Ancillary equipment: guide rail, height and width adjustable, H-type supports, end stops



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Series	NB [mm]	Ri [mm]	t [mm]	Profile [mm]	Rollers D [mm]	v [m/s]	Capacity* [kg/m]
56800	310, 410	internal radius	internal radius	C40x100x40, SV	Ø 50x1.5, SV	0.1 - 0.4	1 - 50
	510, 610	800 mm	approx. 55	C40x100x40, SL	conical		
	710, 810			with plastic	plastic		
	910			cover profile	element		

Curve angle 45 or 90 degrees

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Series	NB [mm]	Ri [mm]	t [mm]	Profile [mm]	Rollers D [mm]	v [m/s]	Capacity* [kg/m]
56850	310, 410	internal radius	internal radius	C40x100x40, SV	Ø 50x1.5, SV	0.1 - 0.4	1 - 50
	510, 610	500 mm	approx. 35	C40x100x40, SL	conical		
				with plastic	plastic		
				cover profile	element		

Curve angle 45 or 90 degrees

SV = Zinc-plated steel * Benchmarks. Mandatory values on request.
 SL = Enamelled steel

Example order: 56800 - 90 - 400 = Roller Curve, Round Belt Drive

56800 = Series no.

90 = 90 degrees

400 = Nominal width NB [mm]

Ancillary Equipment:

Series	NB [mm]	Description
F5006	300 - 900	support with swivel joint, adjustment range H= +- 50 mm
59930		guide rail, at both sides, SV-tube
59910		light barrier and reflector holder