

CONVEYOR ELEMENTS

ROLLER CONVEYORS



BELT CONVEYORS



**STAINLESS STEEL
CONVEYORS**



CONVEYOR BELTS



CONVEYOR ROLLERS

KTR series plastic conveyor rollers for light duty applications



KTR series features

- Tube - PVC-U
- Bearing - plastic ball bearing with mild or stainless steel caged balls;
rollers of diameters bigger than D=40mm also available with deep groove ball bearings
- Spindle - mild or austenitic stainless steel

Spindle type options

- GL - unmachined
- GZ - external thread
- GW - internal thread
- SP - spring loaded
- SW - hexagonal

Parameters

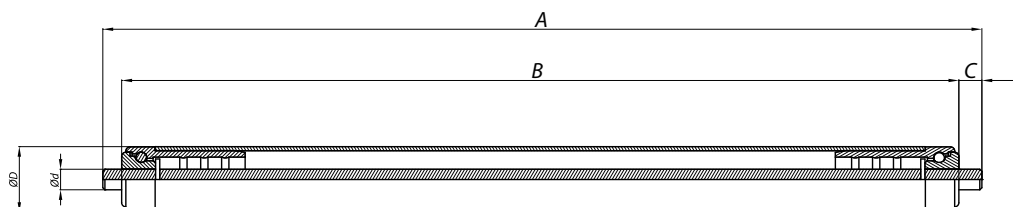
- A - total spindle length
- B - useful length
- C - roller tube distance
- D - roller diameter
- d - spindle diameter



Plastic ball bearing with caged balls.



Plastic ball bearing with deep groove ball bearing.



KTR series model range:

Tube diameter x thickness Dxg	Spindle diameter d	Spindle type	Total spindle length - installation length A-B	Min. useful length B-2C
20x1,5	6	GZ M6	20	A-14
		GL	20	A-4
		SP	20	A-4
	8	GZ M6	20	A-14
		GZ M8	20	A-17
		GL	20	A-4
30x1,8	6	SP	20	A-4
	8	GZ M6	20	A-14
		GL	20	A-4
		GZ M8	20	A-17
		GL	20	A-4
		SP	20	A-4
	10	GW M6	-	A-20
		GW M8	20	A-17
		GZ M10	20	A-20
		GL	20	A-4
		SP	20	A-4

Tube diameter x thickness Dxg	Spindle diameter d	Spindle type	Total spindle length - installation length A-B	Min. useful length B-2C
40x2,3	6	GZ M6	20	A-14
		GL	20	A-4
		SP	20	A-4
	8	GZ M6	20	A-14
		GZ M8	20	A-17
		GL	20	A-4
		SP	20	A-4
	10	GW M6	-	A-20
		GW M8	20	A-17
		GZ M10	20	A-20
50x2,0	8	GL	20	A-4
		SP	20	A-4
		GZ M6	20	A-15
		GZ M8	20	A-18
	10	GL	20	A-5
		SP	20	A-5
		GW M6	-	A-20
		GW M8	-	A-20
	12	GZ M10	20	A-21
		GL	20	A-5
		SP	20	A-5
		GZ M12	30	A-25
	12	GL	20	A-5
		SP	20	A-5
		GW M6	-	A-20
		GW M8	-	A-20
	SW11	GZ M10	30	A-20
		SW11	20	A-5

The other types and sizes of rollers on request.

MTR series zinc plated steel conveyor rollers for heavy duty applications

MTR series features

Tube	- precision, zinc plated or austenitic stainless steel tube
Bearing	- zinc plated steel ball bearings with mild or stainless steel balls; rollers of diameter bigger than D=50 mm also available with deep groove ball bearings
Spindle	- mild or austenitic stainless steel



MTR series model range:

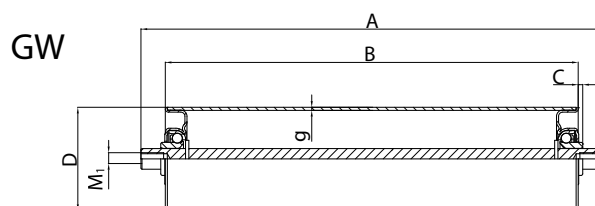
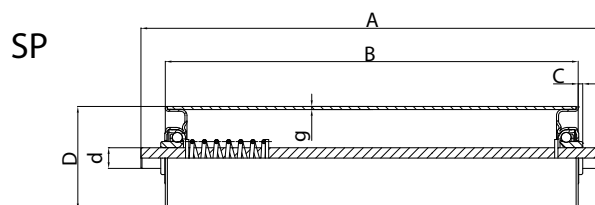
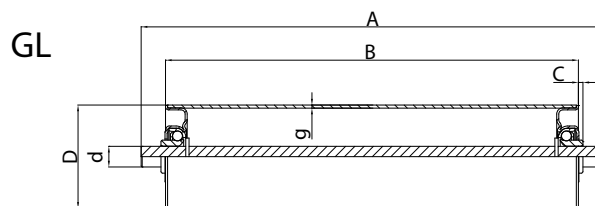
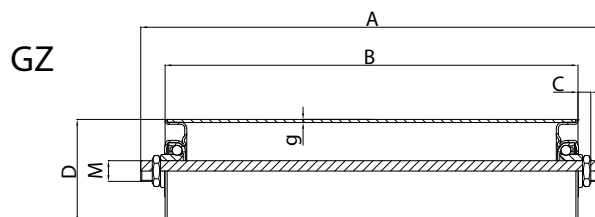
Tube diameter x thickness Dxg	Spindle diameter d	Spindle type	Total spindle length - installation length A-B	Min. useful length B-2C
30x1,5	8	GZ M6	20	A-15
		GZ M8	20	A-18
		GL	20	A-5
		SP	20	A-5
		SW 6	13	A-5
	10	GW M6	20	A-20
		GZ M8	20	A-18
		GZ M10	20	A-21
		SW 6	13	A-5
		SW 8	13	A-5
40x1,5	8	GL	20	A-5
		SP	20	A-5
		SW 6	13	A-5
		GW M6	20	A-20
		GZ M8	20	A-18
	10	GZ M10	20	A-21
		SW 6	13	A-5
		SW 8	13	A-5
		GL	20	A-5
		SP	20	A-5
	12	GW M6	20	A-20
		GW M8	20	A-20
		GZ M10	20	A-20
		GZ M12	20	A-25
		GL	20	A-5
50x1,5	8	SP	20	A-5
		SW 11	20	A-5
		GZ M6	20	A-15
		GZ M8	20	A-18
		GL	20	A-5
	10	SP	20	A-5
		SW 6	13	A-5
		GW M6	20	A-20
		GZ M8	20	A-18
		GZ M10	20	A-21
	12	SW 6	13	A-5
		SW 8	13	A-5
		GL	20	A-5
		SP	20	A-5
		GW M6	20	A-20
		GW M8	20	A-20
		GZ M10	30	A-20
		GZ M12	30	A-25
		GL	20	A-5
		SP	20	A-5
	SW 11	SW 11	20	A-5

Spindle type options

GL	- unmachined
GZ	- external thread
GW	- internal thread
SP	- spring loaded
SW	- hexagonal

Parameters

A	- total spindle length
B	- useful length
C	- roller tube distance
D	- roller diameter
d	- spindle diameter
g	- tube thickness
M	- external thread size
M ₁	- internal thread size



MTR series zinc plated steel conveyor rollers for heavy duty applications



Tube diameter x thickness Dxg	Spindle diameter d	Spindle type	Total spindle length - installation length A-B	Min. useful length B-2C
80 X 2,0	8	GZ M6	20	A-15
		GZ M8	20	A-18
		GL	20	A-5
		SP	13	A-5
		SW 6	20	A-5
	10	GW M6	20	A-20
		GZ M8	20	A-18
		GZ M10	20	A-21
		SW 6	13	A-5
		SW 8	13	A-5
	12	GL	20	A-5
		SP	20	A-5
		GW M6	20	A-20
		GW M8	20	A-20
		GZ M10	30	A-20
		GZ M12	30	A-25
		GL	20	A-5
		SP	20	A-5
	SW 11	SW 11	20	A-5

Tube diameter x thickness Dxg	Spindle diameter d	Spindle type	Total spindle length - installation length A-B	Min. useful length B-2C
60 X 2,0	8	GZ M6	20	A-15
		GZ M8	20	A-18
		GL	20	A-5
		SP	20	A-5
		SW 6	13	A-5
	10	GW M6	20	A-20
		GZ M8	20	A-18
		GZ M10	20	A-21
		SW 6	13	A-5
		CW 8	13	A-5
	12	GL	20	A-5
		SP	20	A-5
		GW M6	20	A-20
		GW M8	20	A-20
		GZ M10	30	A-20
		GZ M12	30	A-25
		GL	20	A-5
		SP	20	A-5
	SW 11	SW 11	20	A-5

Tube diameter x thickness Dxg	Spindle diameter d	Spindle type	Total spindle length - installation length A-B	Min. useful length B-2C
89 X 3,0	16	GW M10	30	A-30
		GW M12	30	A-30
		GZ M14	30	A-32
		SW 14	15	A-10
		GL	20	A-10
	17	SP	20	A-10
		GW M10	30	A-30
		GW M12	30	A-30
		GZ M14	30	A-32
		GZ M16	40	A-26
	20	SW 14	15	A-10
		GL	20	A-10
		SP	20	A-10
		GW M14	30	A-30
		GW M16	30	A-30
	25	GZ M16	40	A-26
		GZ M20	40	A-28
		GL	15	A-10
		GW M14	30	A-30
		GW M16	30	A-30
		GZ M20	40	A-28
		GZ M24	40	A-34
		GL	20	A-10

Spindle type options:



Unmachined



Internal thread



External thread

The other types and sizes of rollers on request.

Plastic coated steel rollers

Applications:

The plastic coated steel rollers may be applied everywhere, where the transported elements are prone to damage by an ordinary steel tube i.e. in case of the complete products made of plastic, glass or finished with a layer of paint, and at the same time a high strength requirements are to be met. They are also common in the furniture industry. In case of the driven rollers, the plastic coating is applied in order to increase the friction coefficient between the roller and the transported element.



Available technologies of a coating preparation:

- The coating may be produced by placing a PVC sleeve on the tube of the roller. The cover sleeves are available for all the roller diameters of our range. The wall thickness of the sleeve depends on the original diameter of the roller and is equal to 2 or 3mm. With the described method the rollers may be produced fast and economically.
- The coating may be also achieved by covering the roller with a rubber layer and then turning it or grinding to the desired size. With this method the layers made of different rubber types, silicones or poliurethanes may be created. It is applied in order to meet the particular mechanical or physico-chemical requirements for the roller surface. An interesting feature of the method is the possibility of obtaining different surface finish. Preparation of the coating this way is more time and cost consuming when compared to the application of the sleeve.



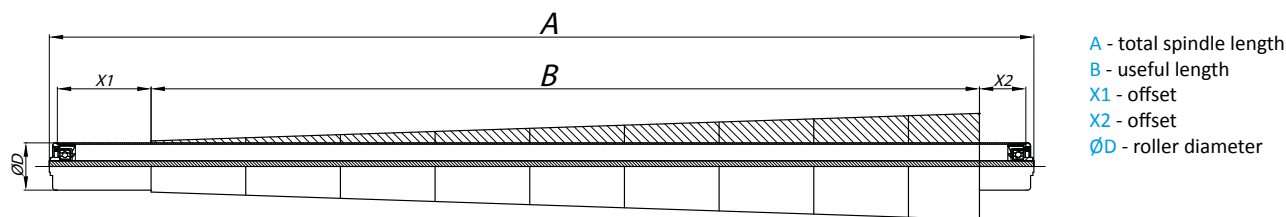
Tapered conveyor rollers



Tapered rollers features:

Plastic taper sleeves - the sleeves are made of black durable plastic what results in small weight of the roller combined with good impact and abrasion resistance.

It is possible to produce a roller with a set of taper sleeves offset from the tube end.
The offset may be applied to either side of the roller.



The taper rollers are built with:

KTR or MTR series D=30 mm roller

Sleeve cone angle:	3,80°
Sleeves set max. length:	~580mm



KTR or MTR series D=50 mm roller, also in driven versions

Sleeve cone angle:	3,80°
Sleeves set max. length:	~990mm



NTR series driven conveyor rollers

Designed to be applied in medium duty driven roller conveyors.

NTR rollers elements:

Drive elements:	durable, plastic pulleys and sprockets with deep groove ball bearing
Support elements:	zinc plated ball bearing with caged balls or deep groove ball bearing
Roller spindle:	mild or austenitic stainless steel
Tube:	mild or zinc plated steel, exceptionally austenitic stainless steel



We offer you a wide range of conveyor rollers which meet most of a modern industry requirements. Conveyor rollers of different lengths, sizes and special designs according to the client specifications may be offered. Best quality elements from the verified EU suppliers are applied in rollers production. The final product is made in 100% polish manufacturing process.

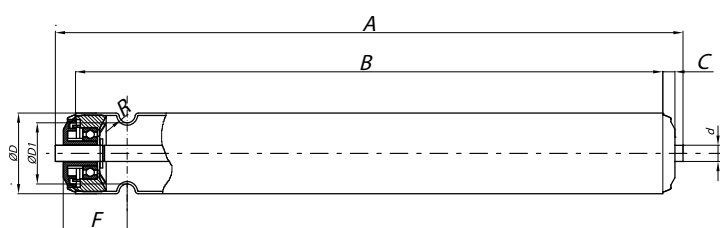
NTR - 1R driven rollers

grooved driven rollers.



Description and technical features:

Tube:	Diameter D=40mm, D=50mm, D=60mm, D=80mm – mild or zinc plated steel.
Spindle:	Diameter d=8mm, d=10mm, d=12mm, d=15mm or SW 11 (hexagonal). Spindle type options include unmachined, spring loaded as well as internal or external threaded spindle.
Bearing:	Plastic ball bearing with deep groove ball bearing.
Applications:	Medium duty lineshaft roller conveyors.



- A - total spindle length
- B - useful length
- C - distance between useful and installation lengths
- ØD - roller diameter
- ØD1 - groove bottom diameter
- Ød - spindle diameter
- F - groove distance
- R - groove radius

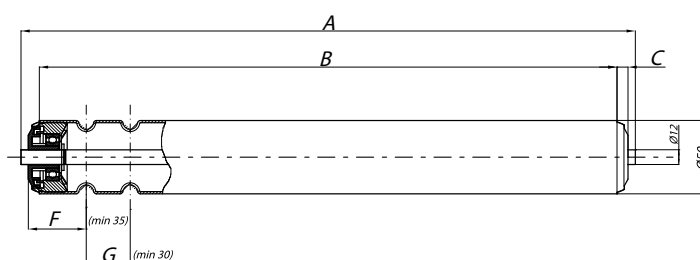
NTR - 2R driven rollers

grooved driven rollers.



Description and technical features:

Tube:	Diameter D=50mm – mild or zinc plated steel.
Spindle:	Diameter d=10mm, d=12mm or SW 11 (hexagonal). Spindle type options include unmachined, spring loaded as well as internal or external threaded spindle.
Bearing:	Plastic ball bearing with deep groove ball bearing.
Applications:	Medium duty lineshaft or motorroller conveyors.



- A - total spindle length
- B - useful length
- C - distance between useful and installation lengths
- F - 1st groove distance
- G - distance between grooves

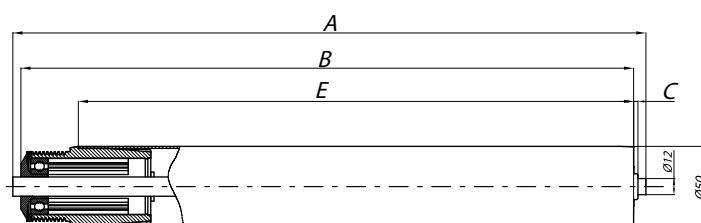
NTR - PJ driven rollers

PJ series Poly-V belt driven roller (conforming to DIN 7867, ISO 9982 standards).
The pulley has 9 ribs.



Description and technical features:

Tube:	Diameter D=50mm – mild, zinc plated or austenitic stainless steel.
Spindle:	Diameter d=12mm. Spindle type options include unmachined, spring loaded as well as internal or external threaded spindle.
Bearing:	Drive element - 6202 deep groove ball bearing. Support element - zinc plated steel bearing with caged balls or deep groove ball bearing. Plastic bearing with deep groove ball bearing also available.
Applications:	Medium duty motorroller conveyors.



A - total spindle length
B - useful length
C - distance between useful and installation lengths
E - reference length

NTR - 8M driven rollers

8M series toothed belt driven rollers. Max. cog width – 25mm.

Description and technical features:

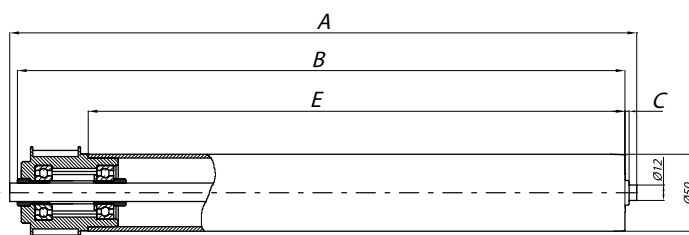
20 cog toothed belt pulley available.

Two drive type possibilities:

- 1) **NTR 8M** fixed drive
- 2) **NTR 8MA** friction drive, enabling accumulation



Tube:	Diameter D=50mm – mild, zinc plated or austenitic stainless steel.
Spindle:	Diameter d=12mm. Spindle type options include unmachined as well as internal or external threaded spindle.
Bearing:	Drive element - two 6202 deep groove ball bearings. Support element - zinc plated steel bearing with caged balls or deep groove ball bearing. Plastic bearing with deep groove ball bearing also available.
Applications:	Medium duty geared motor driven conveyors with tangential (series) belt layout or roller by roller (parallel) belt layout.



A - total spindle length
B - useful length
C - distance between useful and installation lengths
E - reference length

NTR - B1 driven rollers

08B-1 (1/2" x 5/16") chain driven rollers with single sprocket.

Description and technical features:

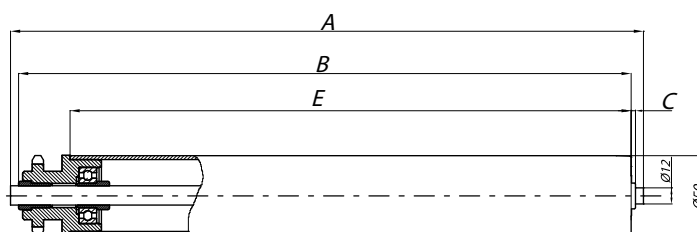
11 teeth sprocket available.

Two drive type possibilities:

- 1) **NTR B1** fixed drive
- 2) **NTR B1A** friction drive, enabling accumulation



Tube:	Diameter D=50mm – mild, zinc plated or austenitic stainless steel.
Spindle:	Diameter d=12mm. Spindle type options include unmachined, spring loaded as well as internal or external threaded spindle.
Bearing:	Drive element - 6202 deep groove ball bearing. Support element - zinc plated steel bearing with caged balls or deep groove ball bearing. Plastic bearing with deep groove ball bearing also available.
Applications:	Medium duty geared motor driven conveyors with tangential (series) chain layout. Especially appropriate for long conveyor sections.



A - total spindle length
B - useful length
C - distance between useful and installation lengths
E - reference length

NTR - B2 and NTR - C2 driven rollers

NTR-B2 series: 08 B-1 (1/2" x 5/16") chain driven rollers with double sprocket or

NTR-C2 series: 06 C-1 (3/8" x 3/16") chain driven rollers with double sprocket.

Description and technical features:

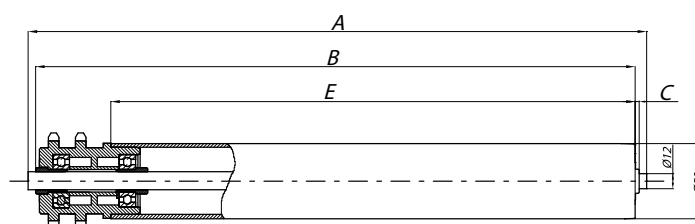
- NTR - B2 series: 14 and 17 teeth sprockets available.

- NTR - C2 series: 20 teeth sprocket available.

For both types only the fixed drive solution is possible.



Tube:	Diameter D=50mm – mild, zinc plated or austenitic stainless steel.
Spindle:	Diameter d=12mm. Spindle type options include unmachined as well as internal or external threaded spindle.
Bearing:	Drive element - NTR-B2 series: two 6201 or 6202 deep groove ball bearings NTR-C2 series: two 6201 deep groove ball bearings Support element - zinc plated steel bearing with caged balls or deep groove ball bearing. Plastic bearing with deep groove ball bearing also available.
Applications:	Medium duty geared motor driven conveyors with roller by roller (parallel) chain layout.



A - total spindle length
B - useful length
C - distance between useful and installation lengths
E - reference length

NTS - B1/B2 driven rollers

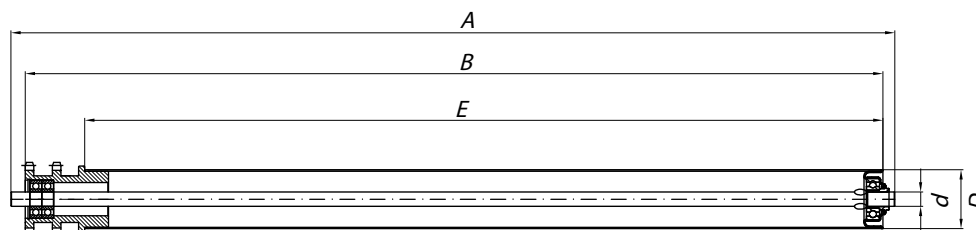
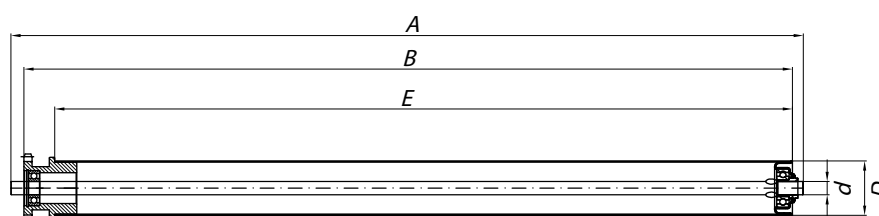
08B-1 or 10B-1 chain driven rollers with single or double steel sprocket. Single sprocket rollers are appropriate for tangential (series) chain layout conveyors whereas double sprocket is applied where roller by roller (parallel) chain layout is chosen.



Description and technical features:

Roller sprockets are welded to the tube. Sprocket teeth numbers are presented in the table. Other numbers on request.

Tube:	Diameters ranging from D=50mm to D=89mm – mild, zinc plated or austenitic stainless steel.
Spindle:	Diameters ranging from d=12mm to d=25mm. Mild or austenitic stainless steel spindles with internal thread are available.
Bearing:	Drive element - deep groove ball bearing of diameter corresponding to the tube and spindle diameters. Support element - zinc plated steel bearing or plastic bearing with deep groove ball bearing.
Applications:	Heavy duty roller conveyors, with bigger roller diameters. For transport of products stacked on EUR pallets.



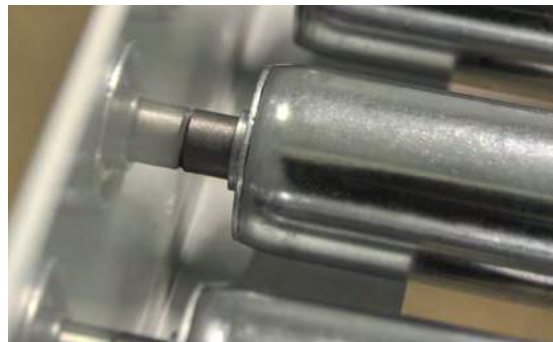
Tube diameter	Min. reference length E	Sprocket hub width B-E	Spindle diameter d	Spindle type options	Number of sprocket teeth	Chain type
50x1,5 I	80	28	12	GW	14	08B-1
60x1,5/2,0 I	80	28	12/15	GW	14	08B-1
80x2,0 I	90	30	15/20	GW	18	10B-1
88,9x3,0 I	90	33,5	20	GW	18	10B-1
50x1,5 II	80	50	12	GW	14	08B-1
60x1,5/2,0 II	80	50	12/15	GW	14	08B-1
80x2,0 II	90	54	15/20	GW	18	10B-1
88,9x3,0 II	90	57,5	20	GW	18	10B-1

A - total spindle length
B - useful length
E - reference length
D - roller diameter
d - spindle diameter

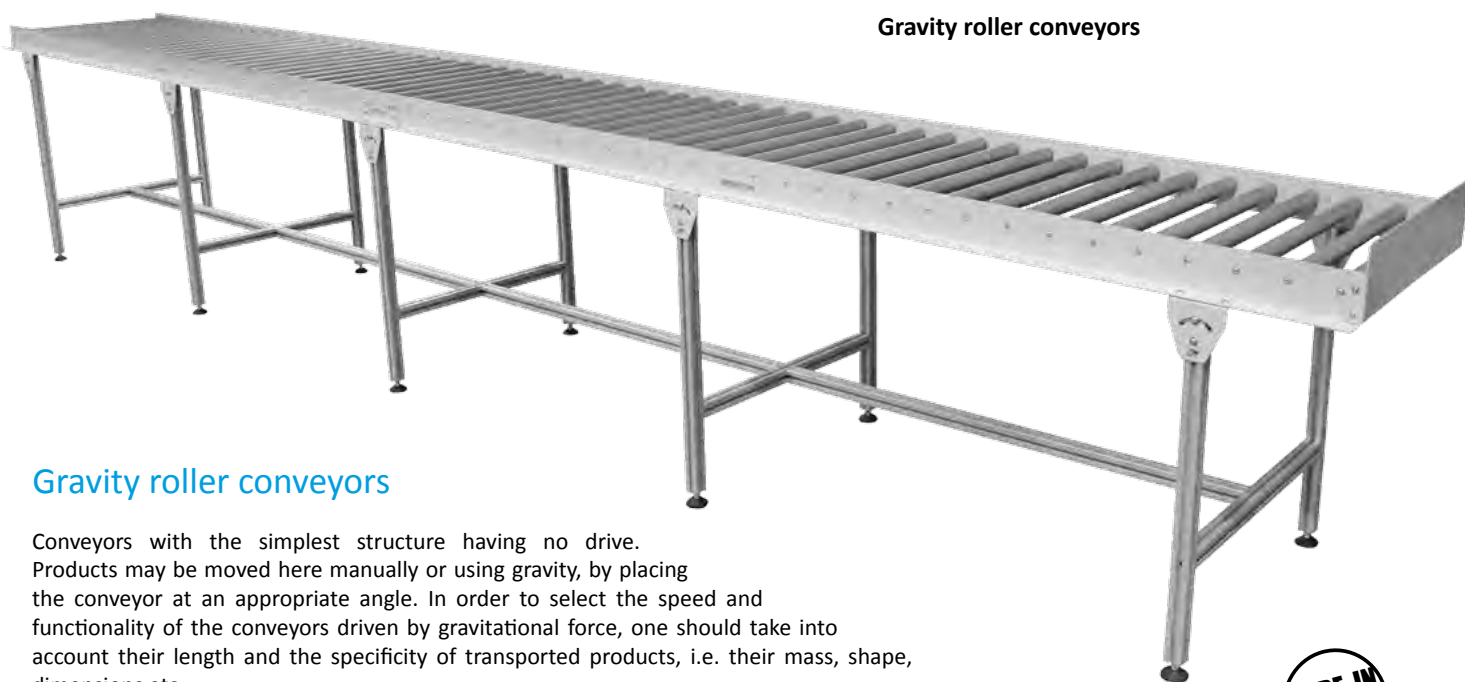
The rollers of different sprocket teeth number, for different chain types or with drive elements made of material indicated by the Client – on request.

This is a group of conveyors widely used in all branches of the industry.

Their versatility makes them a product that can be adapted to realize new tasks at any moment. One could risk saying that it will never become obsolete in any manufacturing plant.



Gravity roller conveyors



Gravity roller conveyors

Conveyors with the simplest structure having no drive. Products may be moved here manually or using gravity, by placing the conveyor at an appropriate angle. In order to select the speed and functionality of the conveyors driven by gravitational force, one should take into account their length and the specificity of transported products, i.e. their mass, shape, dimensions etc.

Depending on the application and requirements of the clients, we are able to manufacture this type of conveyor with a load-bearing frame made using aluminium profiles and steel profiles of an appropriate size, grade and with an appropriate protective coating applied. In this type of conveyors their structure depends mainly on the specificity of the transported products, that is their shape, weight and dimensions.



Thus, depending on the product that is to be transported, we use for their construction rollers with diameters from 20 to 89mm with flanges made from various materials and with various protective coatings. Rollers with a diameter of 50mm and larger can be equipped both with basket and machine bearings.

In the case of transporters used for transporting loads with significant mass, we equip our conveyors with restraint rollers.

Conveyors used for transporting EUR pallets also deserve special attention, selected in such a way as to facilitate the feeding and reception of pallets using forklifts and pallet trucks.

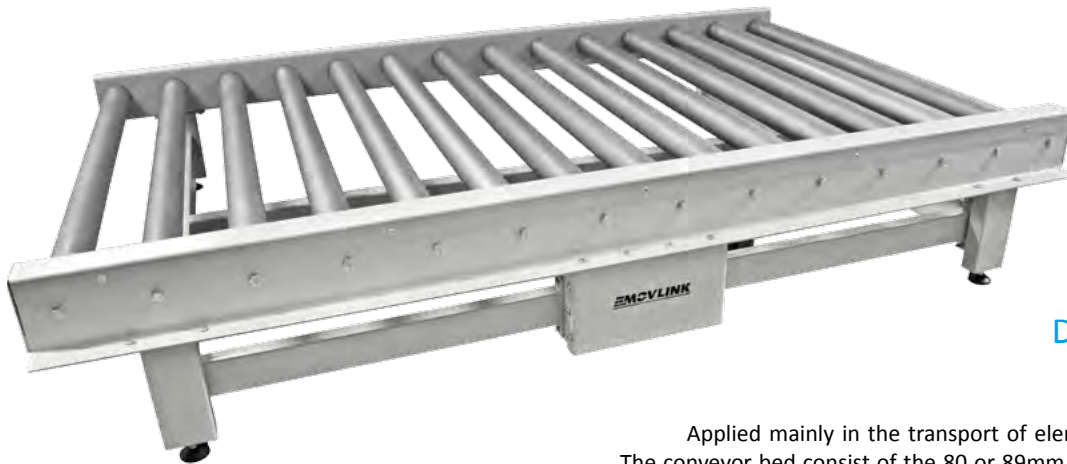
Driven roller conveyors of capacity up to 100kg/m

One of the most broadly used series of conveyors. Our company specializes in the construction and sales of this type of conveyors with a load bearing capacity of up to 100kg/m. These conveyors are characterized by the main load bearing part being made of powder-coated steel, whereas the supporting structure can be made from both steel, as well as structural aluminium profiles. The drive of this conveyor group is always individually selected with the use of the client supplied parameters.



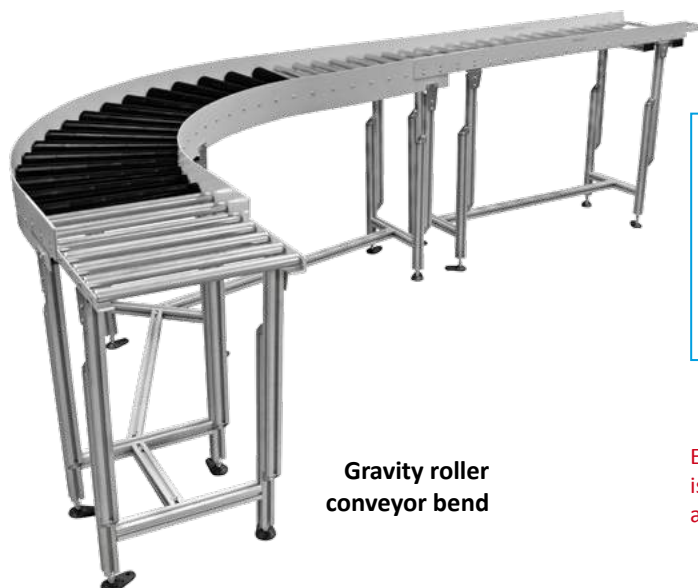
**Driven roller conveyor
of capacity up to 100kg/m
with centre drive**

Driven roller conveyor of capacity up to 1000kg/m with centre drive



Driven roller conveyors of capacity up to 1000kg/m

Applied mainly in the transport of elements on pallets e.g. EUR pallets. The conveyor bed consist of the 80 or 89mm rollers driven with sprockets. The drive is transmitted roller by roller (parallel connection). Both main and support frames are in this case made of the powder coated or zinc plated steel. Due to the loads transported by conveyors of this group their construction is usually divided into sections carrying from one to three pallets at a time.



**Gravity roller
conveyor bend**

Roller conveyor bends

The roller conveyor range is complemented with roller conveyor bends. Both gravity and powered conveyor versions are available. The roller conveyor bends are always supplied and designed with the use of the transported element technical parameters.

Each and every conveyor produced by our company is supplied with the documentation which is required by applicable regulations, standards and directives.

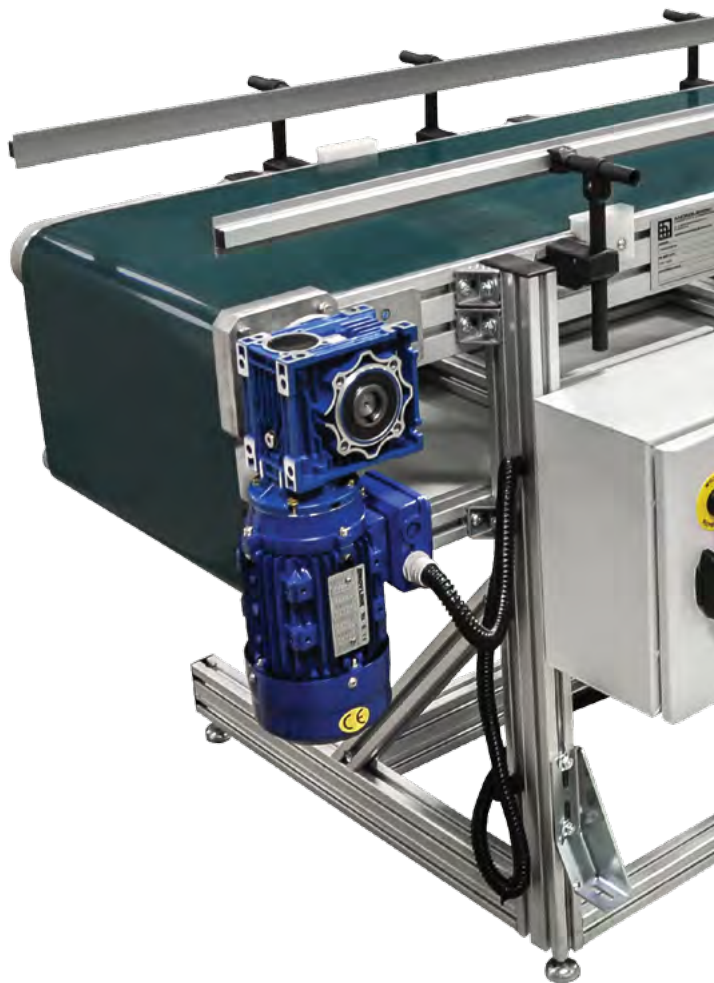


Belt conveyors manufactured by us are perfect for light and heavy element transport as well as loose and unitized loads.

Products of our range are characterised by neat and simple design but at the same time by remarkable strength. Our conveyors are equipped with reliable drive modules and, if specified by client, with efficient control systems.



Drive system



Belt conveyors design

The conveyors presented by us consist of the main and support frames, which are built with appropriately chosen aluminium profiles. The drive module and the belt type are always chosen basing on the individual client requests. Due to such solutions we may provide you the systems, which will fully meet your requirements.



Side guides



Conveyor belt with tracking strips

**Straight belt conveyor**

All belt transporters in our offer are sold, depending on the recipient's requirements, as:

- lone transporter designed for further development in the device created by the recipient and controlled from this device's control system,
- as a transporter with load-bearing frame without a control and supply system,
- a complete solution equipped with load-bearing frame and control system, designed for the recipient's unaided start-up or started-up by our company's servicemen.

Belt conveyor types

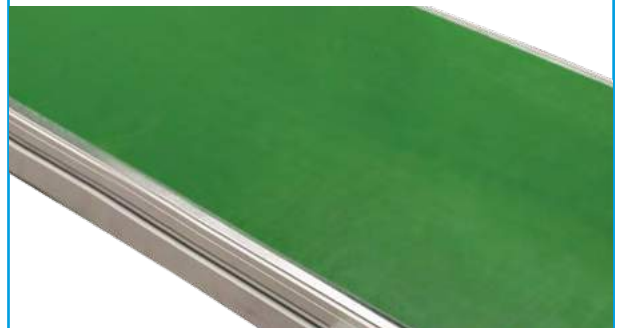
Our product range consist of the following belt conveyor types:

- straight,
- angle,
- Z type,
- two level conveyors,
- and conveyor groups.

Limited warranty and post-warranty support

The belt conveyors offered by us are produced with use of the system solution. Due to this we are able to build a conveyor, of parameters strictly described by client, in a reasonably short time. Our spare parts warehouse as well as big workforces enable us to provide a support in case of limited warranty and post-warranty services fast. It enables to minimise the downtime of the conveyor and another couples machines.

Conveyor belts

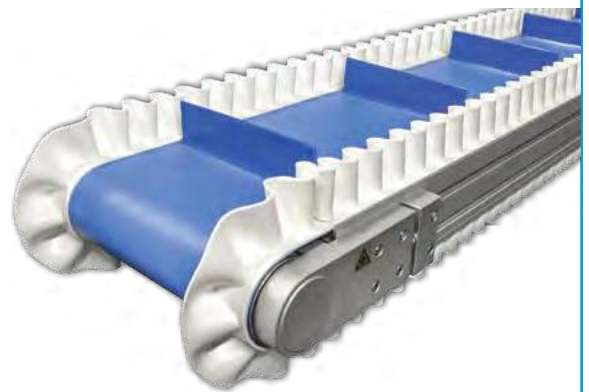


Our offer consist of a wide range of conveyor belts:

Belt material	Colour	Thickness
PU	green	1.6
PVC	green	2.9
PVC	green	2.1
PVC	black	1.9
PU	white	1.3 or 1.8
PU	blue	1.8

Performance options:

- tracking strips,
- corrugated side walls,
- cleats.

**Cleats and corrugated side walls**

Stainless steel belt conveyors

Stainless steel belt conveyors are intended to be applied in food and pharmaceutical industries, in places where the transported product is in direct contact with the conveyor elements.

Framing elements of this conveyor group are made of 1.4301 stainless steel. Another stainless steel grades are available on request. The conveyor working area is designed in such a way to minimise the risk of dirt, dust and bacteria concentration. Also in case of cleaning the construction allows free and easy liquid flow.



**The group of conveyors
applied in
food and pharmaceutical
industries**

Each and every conveyor produced by our company is supplied with the documentation which is required by applicable regulations, standards and directives.



A variety of different belt types may be used in order to transport the element. Among many FDA approved PVC belts, food applicable PU belts and PU belts with coated sides may be implemented.

Not only the belts but also the drives are chosen according to the particular application requirements. A special attention is paid to combine both functional needs and cost effectiveness. It is possible to use painted drive with a standard protection class of IP 54 guarded with a stainless steel cover but also the aseptic drives of higher IP classes. Also the stainless steel geared motors of IP 66 class may be applied.

In order to provide an adequate robustness level for the whole project we may also offer you the power supply and control units made in different IP classes up to IP 65.

Stainless steel roller conveyors

This conveyor group is utilised in order to prolong the production lines in the zones where the product is in direct contact with the conveyor elements or, despite the fact that the product is already packed, the production takes place in the CIP zone.

The framing elements of the stainless roller conveyors are made using the steel of 1.4301 grade. The rollers of the STS roller conveyor may be manufactured in different technologies i.e. they may be made entirely of the stainless steel and plastic or in less strict situations in the mixed manner.

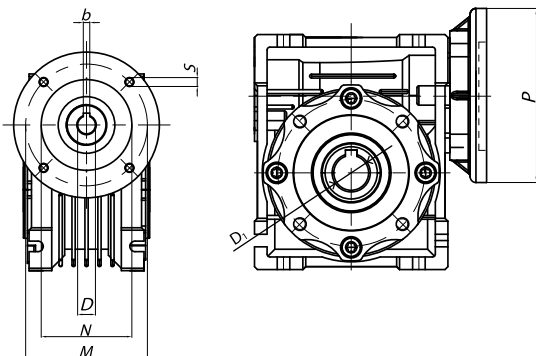


**The roller diameters
applied in STS roller
conveyors range
from 20 to 89mm.**



**Gravity stainless steel
roller conveyor system**





IEC size table

IEC	D E8	b	P	M	N	S
56B5	9	3	120	100	80	7
56B14			80	65	50	5,5
63B5	11	4	140	115	95	9
63B14			90	75	60	5,5
71B5	14	5	160	130	110	9
71B14			105	85	70	7
80B5	19	6	200	165	130	11
80B14			120	100	80	7
90B5	24	8	200	165	130	11
90B14			140	115	95	9
100B5	28	8	250	215	180	13,5
100B14			160	130	110	9
112B5	28	8	250	215	180	13,5
112B14			160	130	110	9
132B5	38	10	300	265	230	14



MNRV series worm gear types

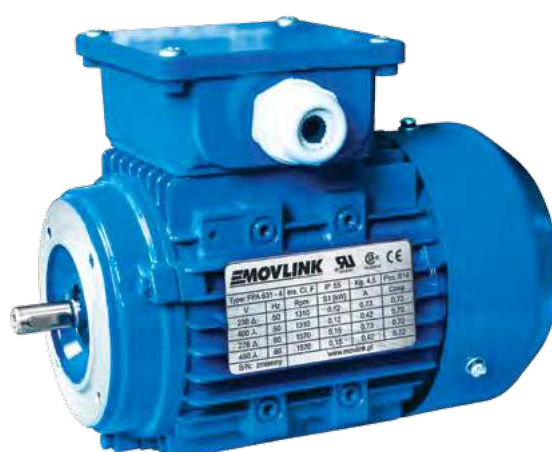
Type	Size	Basic parameters			D – input hollow shaft bore diameter										
					I – ratio										
					7,5	10	15	20	25	30	40	50	60	80	100
MNRV025	56B14	80	65	50	9	9	9	9	9	9	9	9	9		
	56B5	120	100	80	9	9	9	9	9	9	9	9	9	9	
MNRV030	56B14	80	65	50											
	63B5	140	115	95	11	11	11	11	11	11	11	11			
	63B14	90	75	60											
MNRV040	56B5	120	100	80								9	9	9	9
	63B5	140	115	95	11	11	11	11	11	11	11	11	11	11	11
	71B5	160	130	110											
	71B14	105	85	70	14	14	14	14	14	14	14				
MNRV050	63B5	140	115	95								11	11	11	11
	71B5	160	130	110											
	71B14	105	85	70	14	14	14	14	14	14	14	14	14	14	
	80B5	200	165	130	19	19	19	19	19	19					
MNRV063	80B14	120	100	80											
	71B5	160	130	110							14	14	14	14	14
	71B14	105	85	70											
	80B5	200	165	130	19	19	19	19	19	19	19	19	19	19	
MNRV075	80B14	120	100	80											
	90B5	220	165	130											
	90B14	140	115	95	24	24	24	24	24	24	24				
	100/112B5	250	215	180											
	100/112B14	160	130	110	28	28	28								
	80B5	200	165	130											
MNRV090	80B14	120	100	80							19	19	19	19	19
	90B5	200	165	130	24	24	24	24	24	24	24	24	24		
	90B14	140	115	95											
	100/112B5	250	215	180	28	28	28	28	28	28					
MNRV105	110/112B14	160	130	110											
	80B5	200	165	130										19	19
	90B5	200	165	130					24	24	24	24	24	24	24
	100/112B5	250	215	180	28	28	28	28	28	28	28	28	28		
MNRV110	132B5	300	265	230	38	38	38	38							
	80B5	200	165	130										19	19
	90B5	200	165	130					24	24	24	24	24	24	24
	100/112B5	250	215	180	28	28	28	28	28	28	28	28	28		
MNRV130	132B5	300	265	230	38	38	38	38							
	90B5	200	165	130										24	24
	100/112B5	250	215	180					28	28	28	28	28	28	28

Output hollow shaft bore diameter size table

Model	D ₁ H8
MNRV025	11
MNRV030	14
MNRV040	18 (19)
MNRV050	25 (24)
MNRV063	25 (28)
MNRV075	28 (35)
MNRV090	35 (38)
MNRV105	42
MNRV110	42
MNRV130	45

() - products available on request

The product range is complemented with additional products like flanges, torque arms or covers.



Features

- IE1 motor class,
- all motors are available in flange or foot-mounted versions,
- standard IP 55 protection class,
- motor body painted to RAL 5010 (blue),
- material: FPA series – aluminium, FPC series – cast iron,
- all motors approved by CE symbol,
- the motors shafts are supported on the double row 2RS bearing of recognised manufacturers like NSK or SKF,
- the elements of the offered motors are made only in the production sites with the minimum ISO 9001 standard implemented, what influences their quality and reliability. It results in a 2 year limited warranty.

power [kW]	3000 rpm motor description	1500 rpm motor description	1000 rpm motor description	750 rpm motor description
0,06		FPA 561-4		
0,09	FPA 561-2	FPA 562-4	FPA 631-6	
0,12	FPA 562-2	FPA 631-4	FPA 632-6	
0,18	FPA 631-2	FPA 632-4	FPA 711-6	FPA 801-8
0,25	FPA 632-2	FPA 711-4	FPA 712-6	FPA 802-8
0,37	FPA 711-2	FPA 712-4	FPA 801-6	FPA 90S-8
0,55	FPA 712-2	FPA 801-4	FPA 802-6	FPA 90L-8
0,75	FPA 801-2	FPA 802-4	FPA 90S-6	FPA 100L1-8
1,1	FPA 802-2	FPA 90S-4	FPA 90L-6	FPA 100L2-8
1,5	FPA 90S-2	FPA 90L-4	FPA 100L1-6	FPA 112M-8
2,2	FPA 90L-2	FPA 100L1-4	FPA 112M-6	FPA 132S-8
3	FPA 100L-2	FPA 100L2-4	FPA 132S-6	FPA 132M-8
4	FPA 112M-2	FPA 112M-4	FPA 132M1-6	
5,5	FPA 132S1-2	FPA 132S-4	FPA 132M2-6	
7,5	FPA 132S2-2	FPA 132M-4		

MOREOVER, WE ALSO PRODUCE:

STAINLESS STEEL INDUCTION MOTORS

Features

- IE1 motor class,
- 304 stainless steel material,
- IP 66 protection class and shaft sealing with NTN Blue bearings enables drive cleaning in the CIP zones with no influence on its life,
- the motors are of round shape with no grooves or hollows, what results in dirt accumulation resistance. This makes the drives perfect for application in food or pharmaceutical industries,
- the motor connection block is also of a cylindrical shape with an additional protection, what enables high robustness level and minimises the possibility of dirt presence,
- the technical parameters usually listed in the nameplate are placed directly at the body of motor, what eliminates the possibility of data loss during the motor life. Lack of the nameplate, as well as the screws or rivets used to fasten it to motor body reduces the number of places where dirt or bacteria may accumulate.



Motor dimensions and catalogue pages
are available on our
website www.movlink.pl

STAINLESS STEEL WORM GEAR REDUCERS

Features

- reducer body of simple shape is made of smooth, polished stainless steel. The risk of dirt and bacteria presence is minimised and at the same time the cleaning is easier,
- stainless steel output hollow shafts,
- IP 66 protection class – enables cleaning in CIP zones,
- lubricated with H1 oil.



Combined with the FP2SS stainless steel motors, offered by our company, comprise perfect aseptic drives.

The product range is complemented with torque arms also made of stainless steel.

MOVLINK®

MOVLINK®
ul. Aleksandrowska 67/93
91-205 Łódź

Tel: +48 42 663 12 60
Fax: +48 42 663 12 69
movlink@movlink.pl
WWW.MOVLINK.PL

