

Roll-Ring® chain tensioner



RLR

Self-adjusting

- **Easily installed**
- Uses the space between two drive sprockets
- Self positioning
- Dampens vibration
- Self lubricating
- Working temperature: -20°C to +70°C (except RLR20-030: -4°C to +40°C)
- Normal resistance to UV radiation
- Material: polymer

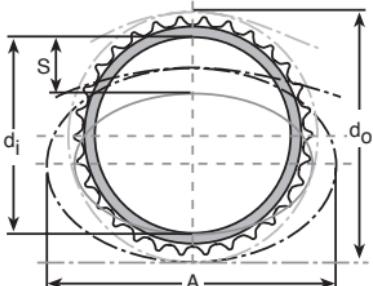
Use

- Multiple tensioners can be used in series on long chains or in parallel on multiple chains
- On triple chains, tensioners are only needed on inner and outer strands

Advantages

- Works equally as well on vertically or diagonally mounted chains
- Does not require fixing or special installation

Very easy
to use



DISCOUNTS

Qty	1+	6+	21+
Disc.	List	-5%	On request

Part number	No. of teeth	Ref. ISO	Pitch (mm)	do	Internal diameter	Max. deviation	A	Static force of max. expansion (N)	Max. chain speed (m/s)	Stock*	Price each 1 to 5
RLR05-030	30	05B	8,00	76,5	65,0	20	104,0	2,9	5,0	-	105,32 €
RLR06-030	30	06B	9,52	91,1	73,0	25	122,0	15,2	5,2	✓	91,26 €
RLR06-036	36	06B	9,52	109,0	89,0	25	143,0	28,5	5,2	✓	103,31 €
RLR08-026	26	08B	12,70	105,5	87,5	27	135,8	13,4	7,5	✓	84,91 €
RLR08-030	30	08B	12,70	121,5	101,6	30	161,6	14,2	8,6	✓	98,03 €
RLR08-034	34	08B	12,70	137,5	115,4	30	165,0	22,0	8,8	✓	111,09 €
RLR10-026	26	10B	15,88	128,4	105,0	28	153,0	28,2	4,2	✓	103,54 €
RLR10-030	30	10B	15,88	148,0	124,6	33	177,0	23,0	8,8	-	119,11 €
RLR10-034	34	10B	15,88	170,0	141,0	38	217,0	45,1	8,8	-	135,22 €
RLR12-026	26	12B	19,05	155,0	127,6	35	209,5	39,2	5,4	✓	125,17 €
RLR12-030	30	12B	19,05	182,2	153,1	45	242,0	32,2	6,2	-	144,53 €

*Depending on availability - Dimensions in mm

Installation

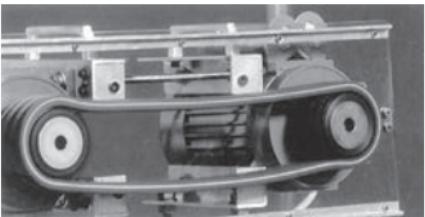
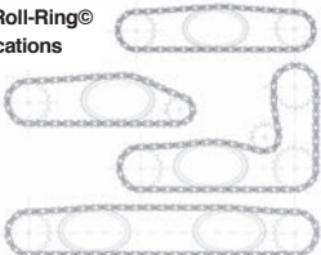
Roll-Ring® chain tensioners do not require any maintenance and can be installed on practically all chain drive systems. **Their installation takes virtually no time and is inexpensive.** The only conditions that must be met to be able to use them are:

- The gap between the chain strands must be sufficiently large.
- The distance between the chain sprockets must be sufficiently large.

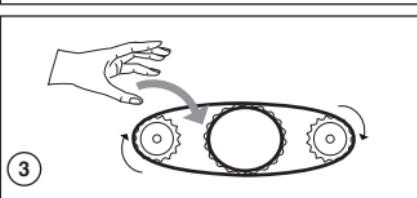
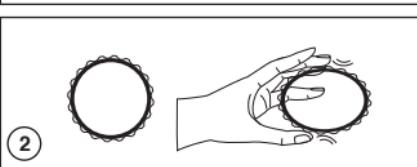
We recommend that you position the tensioner between two chain strands so that there is at least the equivalent of one chain pitch between the Roll-Ring® and the smallest sprocket. The Roll-Ring® can also be mounted in an alternative but efficient manner to that previously described, simply verify that the pre-load is sufficiently high. We do however, recommend that you carry out tests if this is done.

Roll-Ring® chain tensioners can be used in series on the same chain strand. They can also be used in parallel on each strand of a multiple strand chain. For example, a triple strand chain requires two Roll-Ring® tensioners on the outside strands.

Typical Roll-Ring® applications



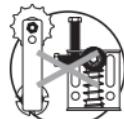
Vibrations on a non tensioned chain



Advantages



Reduced installation time



No additional machining required



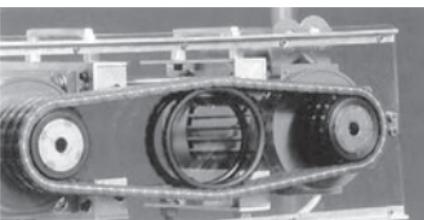
Reduced noise



Easy installation



Maintenance free



The Roll-Ring® tensions and dampens the chain

Our other products



F7-SF-SM
Multifunction display,
Right angled
mounting bracket



NSO
Housing for open
linear bearing,
Opened - long



IN1
Internal gear, Steel
20NCD2



PTA100
Articulated levelling
foot, pressed base
Ø100, 15000N



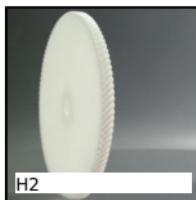
HLA19
Right angle spiro
bevel gearbox, Up to
43Nm



AKN
Bellows coupling
Gerwah®, from 22 to
180Nm



FBL6000_K19
Brush strip per meter
horsehair fibres Ø0.2,
Black horsehair



H2
Crossed helical gear
crossed axis at 90°,
Machined plastic
(delrin)



PO
Pull handle - Multi-
sector, Tapped
recessed insert



NK27
Drylin® N miniature
guiding system, Width
27 mm



MC
Self-compensating
shock-absorber, Self-
compensating -

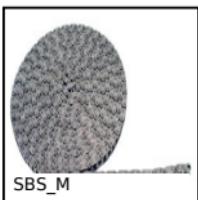


SA_SAKH
Housing for linear
bearing, Closed - light
load

Complementary products



SUA4
Single chain supplied
by the metre, Steel



SBS_M
Single chain supplied
by the metre,
Stainless steel



TCXR
Automatic chain
tensioner, With
stainless steel
sprocket



TCLar
Automatic chain
tensioner, With wide
guide