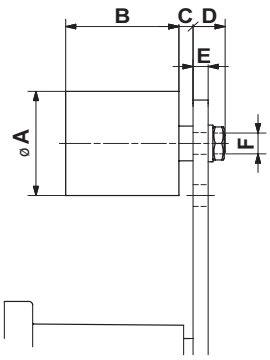
Accessories belt drives

Tensioning roller Type R and RL



Tensioning roller standard type R (blue)

Type	Art. No.	Max. speed [rpm]	Max. belt width	A	B	C	D	E max.	F	Torque hex nut [Nm]	Size SE	Weight [kg]
R 11	06 580 001	8000	30	30	35	2	14	5	M8	25	11	0.08
R 15/18	06 580 002	8000	40	40	45	6	16	7	M10	20	15/18	0.17
R 27	06 580 003	6000	55	60	60	8	17	8	M12	35	27	0.40
R 38	06 580 004	5000	85	80	90	8	25	10	M20	165	38	1.15
R 45	06 580 005	4500	130	90	135	10	27	12	M20	165	45	1.75

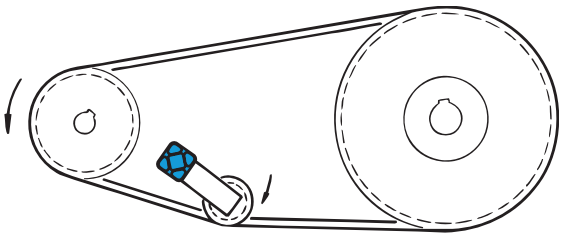
Tensioning roller light type RL (black). Designed for light-duty drives.

Type	Art. No.	Max. speed [rpm]	Max. belt width	A	B	C	D	E max.	F	Torque hex nut [Nm]	Size SE	Weight [kg]
new **RL 11**	06 580 901	6000	30	30	35	3	19	10	M8	25	11	0.08
new **RL 15/18**	06 580 902	6000	40	40	45	6	21	9	M10	49	15/18	0.17
new **RL 27**	06 580 903	4500	55	60	60	8	22	8	M12	86	27	0.50

Instructions for belt drives

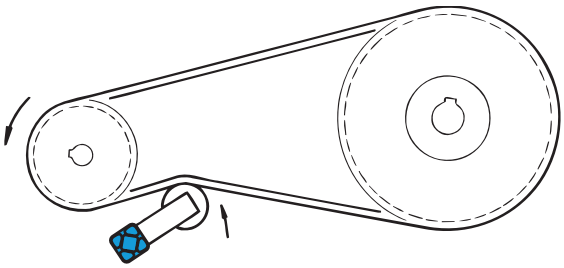
a) Modalities of tensioning

See also complementary mounting instructions on page 4.5.



Tensioning from "inside" of the belt drive with grooved pulley

– Installation in slack span of the belt drive, make sure that the belts are maintaining sufficient contact-arc on the driver- and driven-pulley.
– By extremely long centre distances between driver and driven pulley it is recommendable to use on the tensioner a deep-grooved pulley to avoid excessive slack beating.



Tensioning with flat roller on belt back

– The diameter of the flat tensioning roller should at least measure 2/3 of the diameter of the smallest pulley in the drive.
– The width of the tensioning roller should be at least 20% wider than the overall width of the belt set.
– Installation on the belt back in the slack span, make sure that the belts are maintaining sufficient contact-arc on the driver and driven pulley.