

TENSIONER DEVICES



TENSIONERS

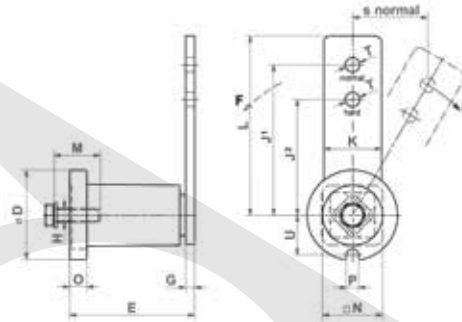
BELT AND CHAIN TENSIONERS

Description

Tensioning devices SE are available for both roller chain and V-Belt applications.

A range of idler sprockets to suit standard roller chain pitch sizes from O6B-1 to 24B-1 are available.

A range of idler roller pulleys are also available to suit standard V and wedge belt sections from Z/SPZ to C/SPC. Both designs have 2Z bearings fitted to the bore.

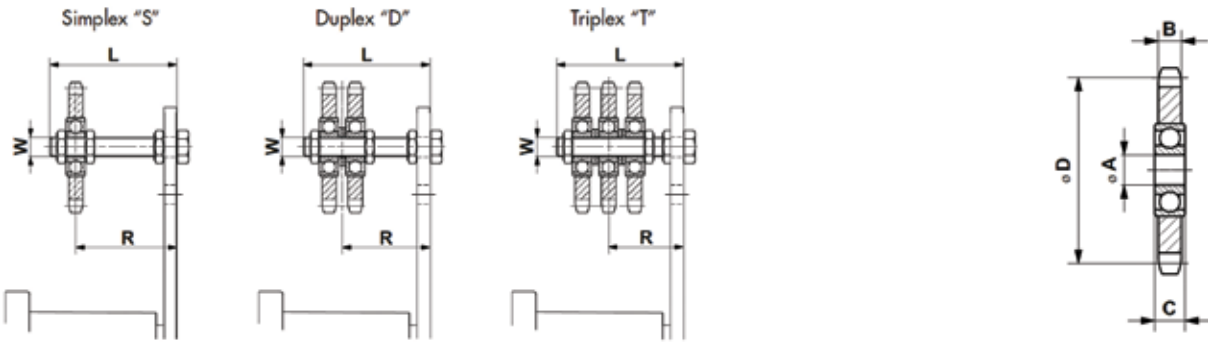


TENSIONER ARM TYPE SE

Part No.	D	E		G	H	J ¹	J ²	K	L	M	N	O	P	T	U	Weight (kg)
SE 11	35	51	+1 -0.5	5	M6	80	60	20	90	20	22	6	8	8.5	16.5	0.2
SE 15	45	64	+1 -0.5	5	M8	100	100	25	112.5	25	30	8	8.5	10.5	20.8	0.4
SE 18	58	79	+1.5 -0.5	7	M10	100	100	30	115	30	35	10.5	8.5	10.5	25.3	0.6
SE 27	78	108	+2 -0.5	8	M12	130	130	50	155	40	52	15	10.5	12.5	34.3	1.7
SE 38	95	140	+2 -0.5	10	M16	175	175	60	205	40	66	15	12.5	20.5	42.0	3.6
SE 45	115	200	+3 -1	12	M20	225	225	70	260	50	80	18	12.5	20.5	52.0	6.4



ACCESSORIES

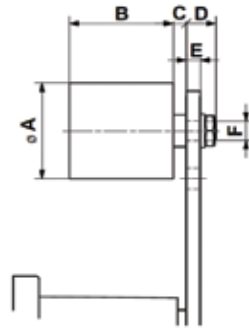


IDLER SPROCKET SETS TYPE N

Rollerchain		Part No.	Number of Teeth	W	L	Torque hex nut 0.5d (Nm)	Adjusting Range Track R	Size SE	Weight (kg)
ANSI	DIN 8187								
Simplex 'S'									
35	ISO 06 B-1	N3/8"-10 S	15	M10	55	20	22-43 / 23-43	15 / 18	0.15
40	ISO 08 B-1	N1/2"-10 S	15	M10	55	20	23-44	18	0.20
50	ISO 10 B-1	N5/8"-12 S	15	M12	80	35	27-65	27	0.35
60	ISO 12 B-1	N3/4"-12 S	15	M12	80	35	27-65	27	0.55
60	ISO 12 B-1	N3/4"-20 S	15	M20	100	172	38	38	0.85
80	ISO 16 B-1	N1"-20 S	13	M20	100	172	38	38	1.25
100	ISO 20 B-1	N1 1/4"-20 S	13	M20	100	172	45 / 50	45	2.00
120	ISO 24 B-1	N1 1/2"-20 S	11	M20	140	172	45 / 50	45	2.35
Duplex 'D'									
35	ISO 06 B-2	N3/8"-10 D	15	M10	55	20	27-39 / 28-39	15 / 18	2.00
40	ISO 08 B-2	N1/2"-10 D	15	M10	55	20	30-37	18	0.35
50	ISO 10 B-2	N5/8"-12 D	15	M12	80	35	36-57	27	0.60
60	ISO 12 B-2	N3/4"-12 D	15	M12	80	35	37-56	27	1.05
60	ISO 12 B-2	N3/4"-20 D	15	M20	120	172	50-90	38	1.35
80	ISO 16 B-2	N1"-20 D	13	M20	120	172	55-84	38	2.10
100	ISO 20 B-2	N1 1/4"-20 D	13	M20	140	172	60-102 / 68-102	45	3.60
120	ISO 24 B-2	N1 1/2"-20 D	11	M20	140	172	65-97 / 73-97	45	4.25
Triplex 'T'									
35	ISO 06 B-3	N3/8"-10 T	15	M10	70	20	33-48	18	0.25
40	ISO 08 B-3	N1/2"-12 T	15	M12	80	35	41-51	27	0.50
50	ISO 10 B-3	N5/8"-12 T	15	M12	80	35	43-50	27	0.95
50	ISO 10 B-3	N5/8"-20 T	15	M20	120	172	56-84	38	1.25
60	ISO 12 B-3	N3/4"-20 T	15	M20	120	172	59-80	38	1.50
80	ISO 16 B-3	N1"-20 T	13	M20	160	172	74-108	45	2.90
100	ISO 20 B-3	N1 1/4"-20 T	13	M20	160	172	78-105 / 86-105	45	5.20
120	ISO 24 B-3	N1 1/2"-20 T	11	M20	160	172	90-111 / 98-111	45	6.20

Rollerchain		Part No.	Number of Teeth	A	B	C	D	Weight (kg)
ANSI	DIN 8187							
35	ISO 06 B	N3/8"-10	15	10	5.3	9	45.81	0.06
40	ISO 08 B	N1/2"-10	15	10	7.2	9	61.08	0.15
40	ISO 08 B	N1/2"-12	15	12	7.2	12	61.08	0.15
50	ISO 10 B	N5/8"-12	15	12	9.1	12	76.36	0.27
50	ISO 10 B	N5/8"-20	15	20	9.1	15	76.36	0.29
60	ISO 12 B	N3/4"-12	15	12	11.1	12	91.63	0.47
60	ISO 12 B	N3/4"-20	15	20	11.1	15	91.63	0.47
80	ISO 16 B	N1"-20	13	20	16.1	15	106.14	0.88
100	ISO 20 B	N1 1/4"-20	13	20	18.5	15	132.67	1.60
120	ISO 24 B	N1 1/4"-20	11	20	24.1	15	135.23	1.93

ACCESSORIES



BELT DRIVE TENSIONING ROLLER

Part No.	Max. Speed (rpm)	Max. Belt width	A	B	C	D	E max.	F	Torque hex. nut (Nm)	Size SE	Weight (kg)
R 11	8000	30	30	35	2	14	5	M8	20	11	0.08
R 15/18	8000	40	40	45	6	16	7	M10	20	15/18	0.17
R 27	6000	55	60	60	8	17	8	M12	35	27	0.40
R 38	5000	85	80	90	8	25	10	M20	160	38	1.15
R 45	4500	130	90	135	10	27	12	M20	160	45	1.75

