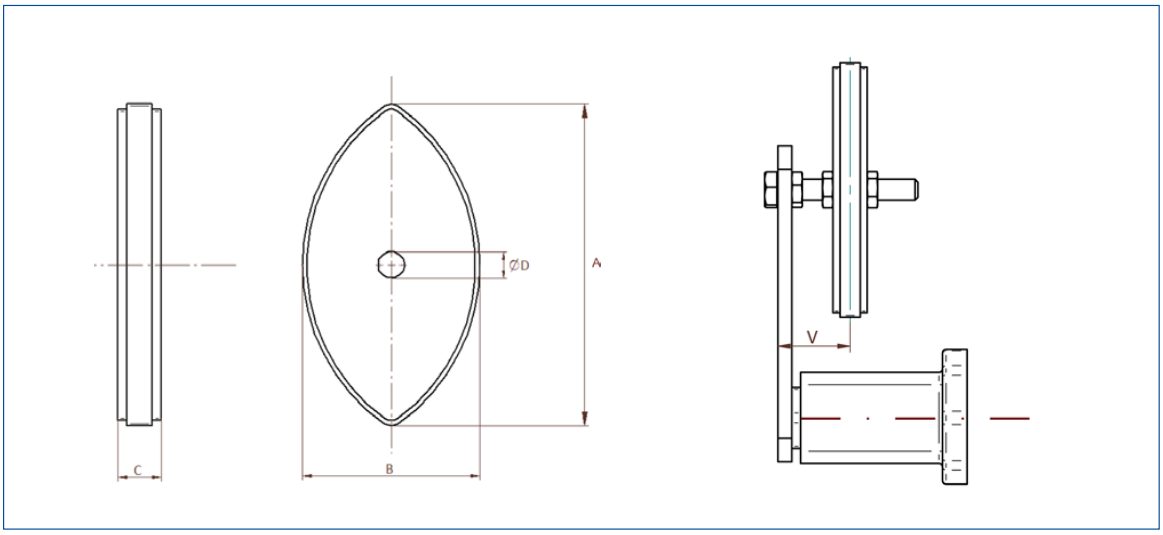
CHAIN RIDER
TYPE CR / CRS / CRD

For the tensioning of chains with low running speed continuous operation up to 1.5 m/s) the chain rider type CR can be used. The high quality plastic material does not require any lubrication. Due to the unique design, the chain always encloses the rider in such a way that problem-free guiding of the chain is ensured. Type CRS or CRD is supplied as a set with the appropriate assembly material for the corresponding tensioning element.

TYPE CR

TYPE CRS

TYPE CRD



Matching to all TE-Types
page 3 + 5

CHAIN RIDER
TYPE CR / CRS / CRD

Dimensions

type	roller chain		C	A	B	ø D	screw	6kt hex-nut	torque	suitable for	adjusting range	weight
	DIN 8187	ANSI						3 Stk	Nm	Typ	V	kg
CR 3/8" –8	ISO – 06 B	35	10.2	74	40	8	-	-	-	-	-	0.02
CR 1/2" –10	ISO – 08 B	40	13.9	96	50	10	-	-	-	-	-	0.05
CR 5/8" –10	ISO – 10 B	50	16.5	125	55	10	-	-	-	-	-	0.08
CR 3/4" –12	ISO – 12 B	60	19.5	147	80	12	-	-	-	-	-	0.12
CRS 3/8" S	ISO – 06 B-1	35	10.2	74	40	-	M8 × 45	M8 – 0.5d	10	TE 3	21 – 34	0.05
CRS 1/2" S	ISO – 08 B-1	40	13.9	96	50	-	M10 × 60	60 M10 – 0.5d	20	TE 3/TE 4	23 – 47/24 – 47	0.11
CRS 5/8" S	ISO – 10 B-1	50	16.5	125	55	-	M10 × 60	M10 – 0.5d	20	TE 4	25 – 48	0.14
CRS 3/4" S	ISO – 12 B-1	60	19.5	147	80	-	M12 × 80	M12 – 0.5d	35	TE 5	29 – 64	0.22
CRS 3/8" D	ISO – 06 B-2	35	10.2	74	40	-	M8 × 45	M8 – 0.5d	10	TE 3	26 – 29	0.07
CRS 1/2" D	ISO – 08 B-2	40	13.9	96	50	-	M10 × 60	M10 – 0.5d	20	TE 3/TE 4	30 – 40/31 – 40	0.12
CRS 5/8" D	ISO – 10 B-2	50	16.5	125	55	-	M10 × 60	M10 – 0.5d	20	TE 4	34 – 47	0.17
CRS 3/4" D	ISO – 12 B-2	60	19.5	147	80	-	M12 × 80	M12 – 0.5d	35	TE 5	39 – 54	0.26
CRS-I 3/8" S	ISO – 06 B-1	35	10.2	74	40	-	M8 × 45	M8 – 0.5d	10	TE-I 3	21 – 34	0.05
CRS-I 1/2" S	ISO – 08 B-1	40	13.9	96	50	-	M10 × 60	M10 – 0.5d	20	TE-I 3/TE-I 4	23 – 47/24 – 47	0.11
CRS-I 5/8" S	12 ISO – 10 B-1	50	16.5	125	55	-	M10 × 60	M10 – 0.5d	20	TE-I 4	25 – 48	0.14
CRS-I 3/4" S	ISO – 12 B-1	60	19.5	147	80	-	M12 × 80	M12 – 0.5d	35	TE-I 5	29 – 64	0.22
CRS-I 3/8" D	ISO – 06 B-2	35	10.2	74	40	-	M8 × 45	M8 – 0.5d	10	TE-I 3	26 – 29	0.07
CRS-I 1/2" D	ISO – 08 B-2	40	13.9	96	50	-	M10 × 60	M10 – 0.5d	20	TE-I 3/TE-I 4	30 – 40/31 – 40	0.12
CRS-I 5/8" D	ISO – 10 B-2	50	16.5	125	55	-	M10 × 70	M10 – 0.5d	20	TE-I 4	34 – 47	0.17
CRS-I 3/4" D	ISO – 12 B-2	60	19.5	147	80	-	M12 × 80	M12 – 0.5d	35	TE-I 5	39 – 54	0.26

Material glider CR

Vesconite®
temperature range – 40 °C until 120 °C
max. frictional head 240 °C
max. chain speed limit 1.5 m/s
screw DIN 933 ISO 4017 steel 8.8 galvanised
CRS-I screw DIN 933 ISO 4017 A2
hex-nut DIN 439 B ISO 4035 steel 8.8 galvanised
CRS-I hex-nut DIN 439 B ISO 4035 A2
in Ex-shelters the components have to be grounded
type CRS S are skinpacked on cardboard
the other types components are loosely packed