

# STEEL WIRE ROPES

## Accessories



### Snatch block

- Forged and rotatable hook
- Hinged design enables the rope to be seamlessly inserted
- High load capacity with low tare weight
- Bronze gliding bearing

**Option:**

- Special version for up to -40°C possible



Load capacity in t	For wire rope in mm	Pulley Ø (B) in mm	Structural length (A) in mm	Weight in kg	Item no.
2	8 - 10	76	242	2	15260000015006
4	10 - 13	114	356	5	15260000015007
8	16 - 19	152	478	12	15260000015008
8	16 - 19	203	529	15	15260000015009
8	16 - 19	254	581	19	15260000015010
8	19	305	653	22	15260000015011
8	19	356	691	25	15260000015012
15	22	406	810	59	15260000015013
15	26	457	842	68	15260000015014

Version with shackle also available.

### Snatch block

- Forged and rotatable hook
- Hinged
- Self-lubricating bronze gliding bearing

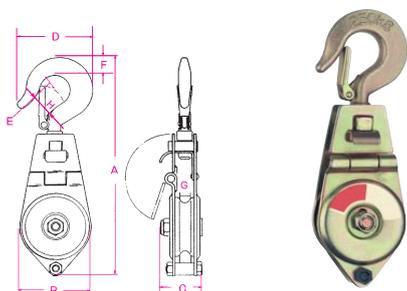
**Option:**

- With hook safety flap
- Special version for up to -40°C possible



Load capacity in t	For wire rope in mm	Pulley Ø in mm	Structural length (A) in mm	Outer width (B) in mm	Weight in kg	Item no.
2	10 - 13	152	409	185	5.4	15260000015015
3	13 - 16	203	513	235	8.4	15260000015016

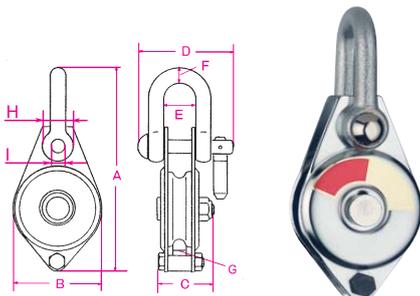
### Rope capture pulley with rotatable load hook, lightweight, hinged design



**!** Not for lifting - horizontal pulling only!

Type	Load capacity in kg	For wire rope in mm	Pulley Ø in mm	Dimensions in mm								Weight in kg/pce	Item no.
				A	B	C	D	E	F	G	H		
CSS50	250	8	50	180	58	35	60	10	16	9	15	0.52	15260000015048
CSS75	350	10	75	240	85	40	73	15	21	12	18	1.25	15260000015049
CSS100	750	12	100	300	110	50	85	16	27	14	21	2.30	15260000015050

### Rope capture pulley with rotatable load hook, lightweight



**!** Not for lifting - horizontal pulling only!

Type	Load capacity in kg	For wire rope in mm	Pulley Ø in mm	Dimensions in mm										Weight in kg/pce	Item no.
				A	B	C	D	E	F	G	H	I	L		
CSY50	250	8	50	135	58	35	62	22	10	9	21	9	0.45	15260000015051	
CSY75	350	10	75	185	85	40	70	22	11	12	25	13	1.10	15260000015052	
CSY100	750	12	100	240	110	50	100	32	16	14	32	16	2.20	15260000015053	

## STEEL WIRE ROPES

### Accessories

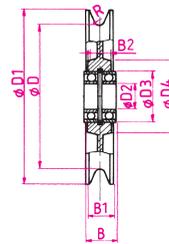
#### Rope Sheave with maintenance-free Ball Bearing

Machined rope groove, considerably lower rope wear due to high quality surface.

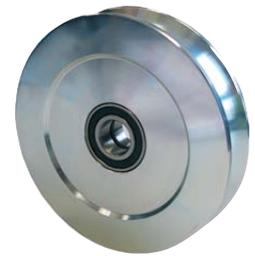
Drive group 1Em, designed according to DIN 15020



Also available in stainless steel!



Rope sheave



Max. rope pulling force in kg	Max. rope $\phi$ (1 Em) in mm	Sheave $\phi$ D in mm	Dimensions in mm								Weight ca. in kg	Item no.
			D1	B	B1	B2	D2	D3	D4	R		
250	6	60	85	17.5	21	-	12	28	-	3.2	0.7	20204200015001
500	9	90	125	30	30	-	20	47	-	4.8	1.9	20204200015002
1000	13	135	180	33	38	32	25	52	118	7	5.4	20204200015003
2000	18	185	240	45	50	44	35	80	165	9.5	12.8	20204200015004
3200	23	230	300	54	60	52	45	100	202	12.5	24	20204200015005
5000	27	280	360	67	70	64	60	130	254	15	40	20204200015006

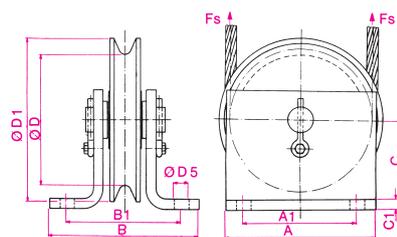
#### Rope Sheave Block with maintenance-free Ball Bearing

Side plates of bent sheet steel. This rope sheave allows to deflect the rope in any direction or alter the direction of pull. Rope sheave details as above.

Drive group 1 Em, designed according to DIN 15020



Also available in stainless steel!



Rope sheave block



Max. rope pulling force in kg	Load capacity in kg	Max. rope $\phi$ (1 Em) in mm	Dimensions in mm									Weight ca. in kg	Item no.
			A	A1	B	B1	C	C1	D	D1	D5		
250	500	6	80	60	86	66	60	5	60	85	9	1.4	15260000015017
500	1000	9	110	80	127	97	71	6	90	125	13	5.0	15260000015018
1000	2000	13	170	130	162	127	95	10	135	180	17	10.2	15260000015019
2000	4000	18	210	160	216	166	125	15	185	240	21	23.8	15260000015020
3200	6400	23	270	210	252	192	155	15	230	300	25	44	15260000015021
5000	10000	27	320	260	294	234	185	20	280	360	32	75	15260000015022

#### Rope Guide Sheave for Wall and Hand Winches

Varnished steel housing, wire rope sheave of grey cast iron, turned rope grooves (115-260 mm sheave  $\phi$ ), drilled hub hole.

On request also available with roller bearing.

Item no.	15260000015064	15260000015065	15260000015066	15260000015067	15260000015068
Sheave $\phi$ in mm	115	155	220	260	310*
Up to rope $\phi$ in mm	10	10	16	18	26
Permissible load in t	0,5	1	2	3	5
Size of baseplate in mm	125 x 65	150 x 115	175 x 165	255 x 200	270 x 240
$\phi$ of screw holes in mm	12	14	17	21	21
Height to centre of axle in mm	69	85	126	148	184
Total height in mm	126	163	236	278	339
Weight in kg	1.5	3	6.5	12	23

\*Rough groove



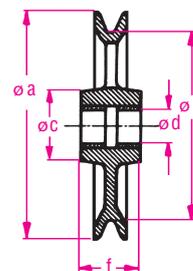
# STEEL WIRE ROPES

## Accessories



### Rope Sheave made of grey cast iron

Made of grey cast iron, with turned groove and bored hub hole, suitable for wire rope guide sheaves for wall-mounted and manual installation winches

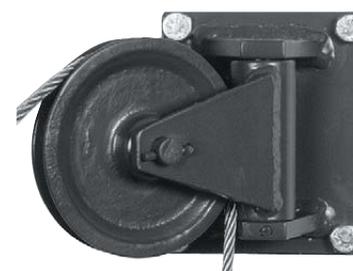
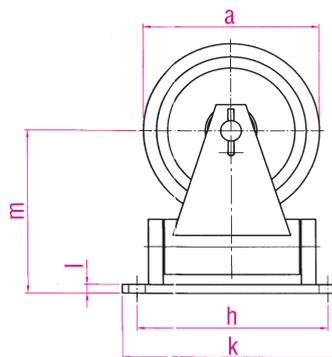
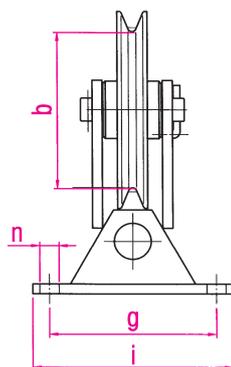


Item no.	20204200015007	20204200015008	20204200015009	20204200015010	20204200015011
Sheave Ø a in mm	115	155	220	260	310
Sheave Ø b in mm	89	129	184	222	250
Permissible load in kg	500	1.000	2.000	3.000	5.000
Groove width / Rope Ø in mm	10	10	16	18	26
Groove depth in mm	13	13	18	19	30
Bore for axle in mm	14	19	22	25	35
Hub length f in mm	26	28	35	43	56
Hub Ø c in mm	36	48	54	65	85
Weight ca. in kg	0.9	1.4	3.3	5.2	10.0

### Sleewable Rope Pulley, single Sheave

Mount and sheave frame made of steel. Sheave made of grey cast iron with self-lubricating bearing with grease chamber.

The sleewable rope pulley is also available in a 2-sheave version. Please contact us for pricing.



Max. rope load at manual use in kg*		250	500	750	1000	1500	2000
Max. rope load at powered use in kg**		125	250	375	500	750	1000
For rope Ø in mm		4-5	5-6	6-8	8-10	10-12	12-14
Outer sheave Ø in mm	Ø a	120	150	190	235	280	325
Groove Ø in mm	Ø b	100	125	160	200	240	280
Hole distance width in mm	g	100	140	140	160	180	220
Hole distance height in mm	h	130	200	210	260	310	330
Baseplate width in mm	i	120	170	170	200	220	270
Baseplate height in mm	k	150	230	240	300	350	380
Baseplate thickness in mm	l	6	8	10	12	14	16
Height axle centre in mm	m	112	142	165	199	239	227
Screw hole Ø in mm	Ø n	11.5	11.5	14	18	18	22
Weight per piece in kg		4	6.2	12	19	26.2	47
Item no.		15260000015023	15260000015024	15260000015025	15260000015026	15260000015027	15260000015028

\* 180° rope deflection \*\* 90° rope deflection

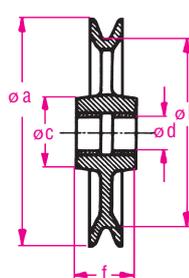
## STEEL WIRE ROPES

### Accessories

#### Wire Rope Sheave

Made of grey cast iron, turned groove  
 60 - 325 mm Ø : Self-lubricating bearing with grease chamber  
 375 - 470 mm Ø : Bronze bushing with lubricating pockets

Suitable for wire rope guide sheaves for wall-mounted and manual installation winches



Item no.	20204200015012	20204200015013	20204200015014	20204200015015	20204200015016
Sheave Ø a in mm	60	90	120	150	190
Sheave Ø b in mm	48	72	100	125	160
Load capacity in kg	200	300	500	1,000	1,500
Groove width / rope Ø in mm	3	4	5	6	8
Groove depth in mm	6	9	10	12	15
Bore for axle Ø d in mm	8	14	14	22	32
Hub length f in mm	24	32	35	40	42
Hub Ø c in mm	22	32	35	46	62
Weight ca. in kg	0.3	0.52	0.85	1.45	2.6

Item no.	20204200015017	20204200015018	20204200015019	20204200015020	20204200015021
Sheave Ø a in mm	235	280	325	375	470
Sheave Ø b in mm	200	240	280	320	400
Load capacity in kg	2,000	3,000	4,000	6,400	10,000
Groove width / rope Ø in mm	10	12	14	16	20
Groove depth in mm	17	20	22	27	35
Bore for axle Ø d in mm	40	50	60	70	70
Hub length f in mm	50	62	70	85	90
Hub Ø c in mm	78	92	108	120	140
Weight ca. in kg	4.5	6.8	10.8	16.5	34.7

#### Wire rope block sheave

Steel, painted housing, grey cast iron sheave, rope grooves (80 - 130 mm pulley Ø), bored hub hole

When ordering, please specify type A or type B  
 Type A = with horizontal plate  
 Type B = with transverse plate



Item no.	15260000015069	15260000015070	15260000015071
Pulley Ø in mm	80	100	130
For rope Ø up to in mm	8	10	12
Load capacity in t	125	130	150
Dimensions of baseplate in mm	130 x 40	142 x 40	190 x 45
Diameter of the mounting holes in mm	10.5	10.5	10.5
Dimensions to the centre of the axis in mm	96	108	156
Overall height in mm	94	115	149
Weight ca. in kg	0.57	0.73	1.4

## STEEL WIRE ROPES

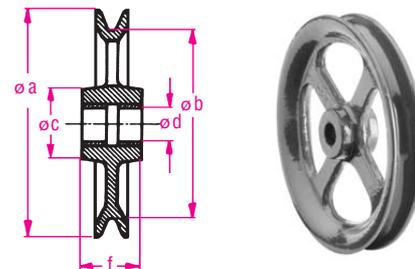
### Accessories



#### Lightweight Rope Sheave made of grey cast iron

Made of grey cast iron, turned, narrow groove, rope grooves (80-130 mm pulley Ø), bored hub hole

Suitable for wire rope block sheave



Item no.	20204200015022	20204200015023	20204200015024
Pulley Ø a in mm	80	100	130
Pulley Ø b in mm	67	83	108
Load capacity in kg	125	130	150
Groove width / Rope Ø in mm	8	10	12
Groove depth in mm	6.5	8.5	11
Bore for axle Ø in mm	8	10	12
Hub length f in mm	17	19	23
Hub Ø c in mm	20	22	28
Weight ca. in kg	0.18	0.3	0.48

#### Polyamide Rope Pulley



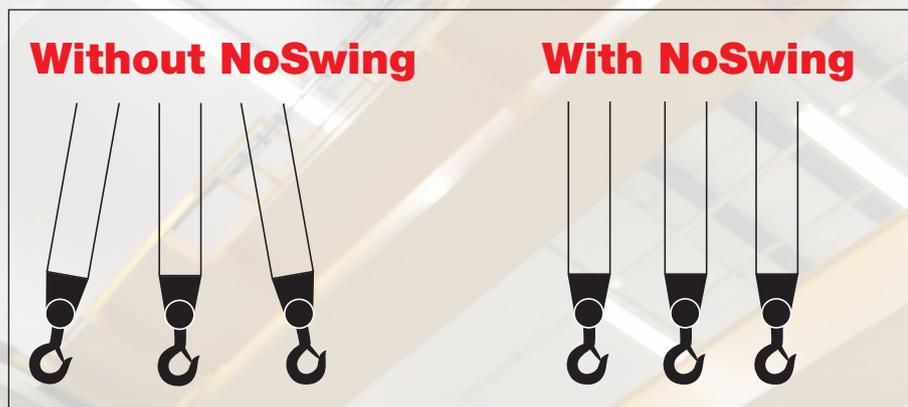
Item no.	20204200015025	20204200015026	20204200015027	20204200015028	20204200015029
Pulley Ø in mm	48	60/2	76	100/2	150/1
Groove width / max. rope Ø in mm	8	9	10	16	25
Groove depth in mm	4	4	5	12	20
Bore for axle in mm	8	8	11	15	20
Hub length in mm	15	27	17	27	42
Hub Ø in mm	17	20	20	38	46
Load capacity in kg	42	50	90	210	410

# NO SWING

For Smarter Overhead Cranes

Bridge cranes are important in a production plant. Their reliability has a decisive influence on the smooth running of a production process.

Depending on the weight, type and shape of the load as well as the height of the halls, however, crane movements often occur in the so-called pendulum movements. This is done during empty run (without load) or during lifting and transporting itself. These pendulum movements always represent a high risk for man and material. NoSwing has been developed to reduce these pendulum movements. As an additional element, it is attached to an existing bridge crane (indoor or in open spaces).



### Mode of operation:

The NoSwing sensor continuously and automatically measures the angle of the hoisting ropes. These data are processed in the control unit and sent to the frequency converter of the crane. The swinging motion of the load is avoided by keeping the lifting ropes continuously upright and vertical. This works even when a long load object is lifted by one end.

Find out more in this video:





**INTERESTED?**

**Contact us today  
and arrange a  
demonstration date  
with the DemoKit!**

