

BC – Sheave with short hub

Ø from 100 to 250 mm

The short hub facilitates the less bulky mounting
In welded pressed steel, bronze bushed for low rotation



FINISH : painted or zinc bichromated

Group code	Sheave bog* Ø / out Ø (mm)	Wire rope Ø min/ max (mm)	Bore Ø (P)	Hub width (L)	Rim width (J)	WLL (t)	Weight (kg)	Old reference	
<i>no bush</i>									
CA86C8MUC	83799	86/ 100	7/ 8	24	15	13,5	0,8	0,6	B282C
CA140C11VUC	83809	140/ 160	10/ 11,5	37	22,5	20,5	1,6	1,2	B292C
CA172C15VUC	83819	172/ 200	13/ 15	37	27,5	24	2,5	2,1	B297C
CA212C19VUC	83829	212/ 250	17/ 19	62	36,5	32	4	4,2	B302C
<i>bronze bushed</i>									
CA86C8MMC	83839	86/ 100	7/ 8	18	15	13,5	0,8	0,6	B283C
CA140C11VMC	83849	140/ 160	10/ 11,5	30	22,5	20,5	1,6	1,2	B293C
CA172C15VMC	83859	172/ 200	13/ 15	30	27,5	24	2,5	2,1	B298C
CA212C19VMC	83869	212/ 250	17/ 19	52	36,5	32	4	4,2	B303C

*Øbog = bottom of groove diameter
dimensions in mm

BL – Sheave with long hub

Ø from 160 to 250 mm

Same design as for the BC type but with a longer hub to decrease the pressure on the bronze bushes or sealed bearings for higher rotation speed with a better efficiency in order to increase the permissible loads

FINISH : painted or zinc bichromated

Group code	Sheave bog* Ø / out Ø (mm)	Wire rope Ø min/ max (mm)	WLL (t)	Bore Ø (P)	Hub width (L)	Rim width (J)	Bearings	Weight (kg)	Old reference	
<i>no bush</i>										
CA140C11VUL	104009	140/ 160	10/ 11,5	2	37	34,5	20,5	-	1,3	B312L
CA172C15VUL	104019	172/ 200	13/ 15	3,2	37	46,5	24	-	2,2	B317L
CA212C19VUL	104029	212/ 250	17/ 19	5	62	54,2	32	-	4,4	B322L
<i>bronze bushed</i>										
CA140C11VML	104039	140/ 160	10/ 11,5	2	30	34,5	20,5	-	1,3	B313L
CA172C15VML	104049	172/ 200	13/ 15	3,2	30	46,5	24	-	2,2	B318L
CA212C19VML	104059	212/ 250	17/ 19	5	52	54,2	32	-	4,4	B323L
<i>with bearings</i>										
CA145C7CBL	104069	145/ 170	6/ 7	1,5	25	32	24	6205 2RS	2,4	B299L
CA140C11VAL	104079	140/ 160	10/ 11,5	2	30	34,5	20,5	HK30.26 a	1,3	B314L
CA171C9CBL	104089	171/ 195	8/ 9	3	35	37	28	6207 2RS	3,3	B304L
CA205C11CBL	104099	205/ 240	10/ 11	4	45	41	34	6209 2RS	5,7	B309L
CA260C14CBL	104109	260/ 300	12/ 14	6	60	48	40	NC	11	B329L
CA172C15VAL	104119	172/ 200	13/ 15	3,2	30	46,5	24	HK30.38 a	2,2	B319L
CA325C17CBL	104129	325/ 375	15/ 17	8	80	56	47	NC	27	B334L
CA212C19VOL	104139	212/ 250	17/ 19	5	25	55	32	32305	4,4	B324L

*Øbog = bottom of groove diameter
dimensions in mm
a needle bearing

BE – Wide mouthed sheave

Ø from 63 to 255 mm

Thanks to the groove profile, a light deflection of the wire rope can be admitted.

In welded pressed steel or cast iron, bronze bushed for low rotation or sealed bearings for higher rotation speed with a better efficiency.

FINISH : zinc bichromated



	Group code	Sheave bog* Ø / out Ø (mm)	Wire rope Ø min/ max (mm)	WLL (t)	Bore Ø (P)	Hub width (L)	Rim width (J)	Bearings	Weight (kg)	Old reference	
	<i>unmachined</i>										
	CA60C5CZ	104149	60/ 80	4/ 5	0,63	0	22	21	-	0,32	B335E
	CA80C9CZ	104159	80/ 100	8/ 9	1,25	18	28,5	27,5	-	0,65	B340E
	CA120C11CZ	104169	120/ 150	10/ 11,5	2	27	34,5	32	-	1,4	B350E
	CA160C15CZ	104179	160/ 200	13/ 15	3,2	37	46,5	43,5	-	3	B355E
	<i>no bush</i>										
***	CA53C5CU	104189	53/ 63	4/ 5	0,32	12,2	17,2	17,2	-	0,2	B331E
***	CA60C5CU	104199	60/ 80	4/ 5	0,63	15	22	21	-	0,32	B336E
	CA80C9CU	104209	80/ 100	8/ 9	1,25	22	28,5	27,5	-	0,65	B341E
	CA120C11CU	104219	120/ 150	10/ 11,5	2	30	34,5	32	-	1,4	B351E
	CA160C15CU	104239	160/ 200	13/ 15	3,2	30	46,5	43,5	-	3	B356E
	CA210C18CU	104259	210/ 255	16/ 18	5	62	54	51,5	-	4,6	B362E
	<i>bronze bushed</i>										
	CA80C9CM	104269	80/ 100	8/ 9	1,25	22	28,5	27,5	-	0,65	B343E
	CA132C12VM	104279	132/ 160	10/ 12	2	30	34,5	32	-	1,4	B353E
	CA160C15VM	104289	160/ 200	13/ 15	3,2	30	46,5	43,5	-	3	B358E
	CA210C18CM	104299	210/ 255	16/18	5	52	54	51,5	-	4,6	B363E
	<i>with bearings</i>										
	CA80C9CA	104309	80/ 100	8/9	1,25	22	28,5	27,5	HK22.20 a	0,65	B344E
**	CA132C12VA	104319	132/ 160	10/12	2	30	34,5	32	HK30.26 a	1,4	B354E
**	CA160C15VA	104329	160/ 200	13/15	3,2	30	46,5	43,5	HK30.38 a	3	B359E
	CA210C18CO	104339	210/ 255	16/18	5	25	55	51,5	32305	4,6	B364E

** steel

*** without greaser

*Øbog = bottom of groove diameter

dimensions in mm

a needle bearing

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BD – Sheave for public works

Ø from 112 to 255 mm

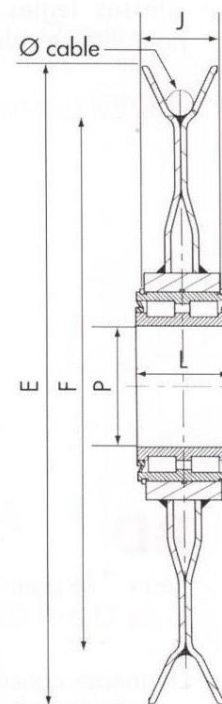
Same design as for the BE type but with 22 as winding ratio.
A high winding ratio improves the lifetime of the wire rope.

FINISH : zinc bichromated

	Group code	Sheave bog* Ø / out Ø (mm)	Wire rope Ø min/ max (mm)	WLL (t)	Bore Ø (P)	Hub width (L)	Rim width (J)	Material	Bearings	Weight (kg)	Old reference	
<i>version usinée</i>												
**	CA100C4MU	83879	100/ 112	4/ 4,5	0,5	37	17	15	acier	-	0,5	B372D
	CA140C6VU	83889	140/ 160	5,5/ 6,3	1	37	28	26,5	acier	-	1,2	B377D
**	CA200C9VU	83899	200/ 224	8/ 9,5	2	52	34	31,5	acier	-	2,1	B392D
<i>version baguée bronze</i>												
	CA140C6VM	83909	140/ 160	5,5/ 6,3	1	30	28	26,5	acier	-	1,2	B378D
	CA200C9VM	83919	200/ 224	8/ 9,5	2	35	34	31,5	acier	-	2,1	B383D
<i>version roulements</i>												
	CA100C4MB	83929	100/ 112	4/ 4,5	0,5	12	17	15	acier	6301 ZZ	0,5	B374D
	CA140C6VB	83939	140/ 160	5,5/ 6,3	1	12	28	26,5	acier	6301 ZZ	1,2	B379D
	CA200C9VB	83949	200/ 224	8/ 9,5	2	20	34	31,5	acier	6304 ZZ	2,1	B394D
	CA220C10CB	83959	220/ 255	9/ 10	2	30	34	32	fonte	6206 2RS	7,6	B399D

** without greaser

*Øbog = bottom of groove diameter
dimensions in mm



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SHEAVE WITH BALL BEARINGS

- Electrogalvanised
- 6200-2RS series bearings
- Raw material, carbon steel
- Other dimensions available upon request



Size	Reference	Group code	Ø wire (mm)	ØA/ ØB sheave (mm)	C	D	R	Bearings	WLL (t)	Weight (kg)
01	CSB012	104359	6-7	133/150	32	25	3,7	6205-2RS	1,6	1,75
01	CSB014	105639	7,5-8	125/150			4,2			
02	CSB022	104389	7-8	152/175	34	30	4,2	6206-2RS	2	2,7
02	CSB024	105649	9-10	150/178			5,3			
03	CSB032	104419	8-9	172/200	36,5	35	4,8	6207-2RS	2,5	4,1
03	CSB034	105659	10-11	165/200			5,8			
04	CSB042	104449	9-10	180/210	38,5	40	5,3	6208-2RS	3,2	5,1
04	CSB044	105669	11-12	180/210			6,3			
05	CSB052	104479	10-11	200/235	43	50	6	6210-2RS	4	6,9
05	CSB054	105679	12-13	195/235			7			
06	CSB062	104509	11-12	228/270	48	60	6,5	6212-2RS	6,3	10,2
06	CSB064	105689	13-14	225/270			7,5			
07	CSB072	104539	12-13	257/297	48	60	7	6212-2RS	6,3	12,3
07	CSB074	105699	14-15	257/297			8			
08	CSB082	104569	13-14	280/330	56	80	7,5	6216-2RS	10	23,1
08	CSB084	105709	15-16	280/330			8,5			
09	CSB092	104599	15-16	320/375	56	80	8,5	6216-2RS	10	24,5
09	CSB094	105719	17-18	306/370			9,5			
10	CSB102	104629	17-18	355/425	64	90	9,5	6218-2RS	12,5	34
10	CSB104	105729	19-20	355/425			10,5			
11	CSB112	104659	19-20	400/470	72	100	10,5	6220-2RS	16	45
11	CSB114	105739	22-24	400/470			13			
12	CSB122	105759	20-22	440/510	80	110	12	6222-2RS	20	65
12	CSB124	105779	24-26	430/510			14			
13	CSB132	105799	22-24	500/570	85	120	13	6224-2Z	20	115
14	CSB142	105829	24-26	550/630	85	130	14	6226-2Z	25	140

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