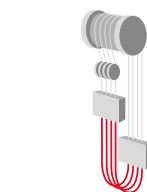


Applications:

It is used as a balance rope in koepe systems.

**CASAR
FLAT BALANCE ROPE**

- ★ Conventional strands
- ★ Very flexible
- ★ Very low loop diameter
- ★ Single or double stitched
- ★ Riveted
- ★ Conforms to EN12385-6





CASAR FLAT BALANCE ROPES

Nominal Values Width w x Thickness s mm		Nominal Diameter of Load - Bearing Wires	Sum of Nominal Cross Sectional Area of Load - Bearing Wires	Minimum Aggregate Breaking Force fe.min		Nominal Rope Length Mass of Lubricated Rope		
Double Stitched (mm)	Single Stitched or Riveted (mm)			Rope Grade		Double Stitched (kg/100 m)	Single Stitched (kg/100 m)	Riveted / Clamped (kg/100 m)
		1370 N/mm ² (kN)	1570 N/mm ² (kN)					
Rope class: 6 x 4 x 7 = 6 unit ropes each of 4 strands each of 1+6 wires = 168 wires								
70x17	70x15	1,60	338	463	531	342	328	322
74x18	74x16	1,70	381	522	598	385	370	362
78x19	78x17	1,80	428	586	672	433	416	407
82x20	82x18	1,90	476	652	747	481	462	453
87x21	87x19	2,00	526	723	829	534	513	502
91x22	91x20	2,10	582	797	914	588	565	553
95x23	95x21	2,20	639	875	1.003	646	620	607
Rope class: 8 x 4 x 7 = 8 unit ropes each of 4 strands each of 1+6 wires = 224 wires								
110x20	110x18	1,90	635	870	997	642	616	604
113x20	113x18	1,95	669	917	1.050	676	649	636
116x21	116x19	2,00	704	964	1.105	711	683	669
119x21	119x19	2,05	739	1.010	1.160	747	717	702
122x22	122x20	2,10	776	1.060	1.220	784	753	738
125x22	125x20	2,15	813	1.110	1.280	822	789	773
128x23	128x21	2,20	851	1.170	1.340	860	826	809
Rope class: 6 x 4 x 12 = 6 unit ropes each of 4 strands each of 3+9 wires = 288 wires								
112x26	112x23	1,90	817	1.120	1.280	826	793	768
115x26	115x23	1,95	860	1.180	1.350	869	835	809
118x27	118x24	2,00	905	1.240	1.420	914	878	851
121x27	121x24	2,05	951	1.300	1.490	961	923	894
124x28	124x25	2,10	998	1.370	1.570	1.010	968	939
127x28	127x25	2,15	1.046	1.430	1.640	1.060	1.020	984
130x29	130x26	2,20	1.095	1.500	1.720	1.110	1.070	1.030
Rope class: 8 x 4 x 12 M= 8 unit ropes each of 4 strands each of 3+9 wires = 384 wires								
146x25	146x23	1,90	1.089	1.490	1.710	1.100	1.060	1.030
149x26	149x23	1,95	1.147	1.570	1.800	1.160	1.120	1.080
154x27	154x24	2,00	1.206	1.650	1.890	1.220	1.170	1.140
157x27	157x24	2,05	1.267	1.740	1.990	1.280	1.230	1.190
160x28	160x25	2,10	1.330	1.820	2.090	1.350	1.290	1.250
165x28	165x25	2,15	1.394	1.910	2.190	1.410	1.360	1.310
168x29	168x26	2,20	1.460	2.000	2.290	1.480	1.420	1.380



CASAR FLAT BALANCE ROPES

Nominal Values Width w x Thickness s mm		Nominal Diameter of Load - Bearing Wires (mm)	Sum of Nominal Cross Sectional Area of Load - Bearing Wires (mm ²)	Minimum Aggregate Breaking Force fe.min		Nominal Rope Length Mass of Lubricated Rope		
Double Stitched (mm)	Single Stitched or Riveted (mm)			Rope Grade		Double Stitched (kg/100 m)	Single Stitched (kg/100 m)	Riveted / Clamped (kg/100 m)
				1370 N/mm ² (kN)	1570 N/mm ² (kN)			
Rope class: 8 x 4 x 14 M= 8 unit ropes each of 4 strands each of 4+10 wires = 448 wires								
168x28	168x25	2,00	1.407	1.930	2.210	1.430	1.370	1.330
172x29	172x26	2,05	1.479	2.030	2.320	1.500	1.440	1.390
176x29	176x26	2,10	1.552	2.130	2.440	1.570	1.510	1.460
180x30	180x27	2,15	1.626	2.230	2.550	1.650	1.580	1.530
184x30	184x27	2,20	1.703	2.330	2.670	1.720	1.660	1.600
Rope class: 8 x 4 x 19 M= 8 unit ropes each of 4 strands each of 1+6+12 wires = 608 wires								
186x31	186x28	1,90	1.724	2.360	2.710	1.750	1.680	1.620
190x32	190x29	1,95	1.816	2.490	2.850	1.840	1.780	1.700
194x33	194x30	2,00	1.910	2.620	3.000	1.930	1.860	1.800
200x34	200x31	2,05	2.007	2.750	3.150	2.030	1.950	1.890
204x34	204x31	2,10	2.106	2.890	3.310	2.130	2.040	1.980
210x36	210x32	2,15	2.207	3.020	3.460	2.230	2.140	2.080
216x37	216x33	2,20	2.311	3.170	3.630	2.330	2.240	2.180
Values according to EN 12385-6:2004. Product specifications are subject to change without notice or obligation. The shown drawings or cross sections are only for illustrative purposes; the images can vary depending on requested diameter and current status of technical development. This table is for reference only. Additional sizes available upon request.								