



OFFSHORE SPECIFIC CRANE BLOCKS

At Ropeblock we employ our Smart Engineering philosophy to design and calculate components dedicated to the offshore industry, such as special crane blocks, sheaves and swivels. Available with and without active heave compensation, these components can be used in, e.g., lattice boom cranes, knuckle boom cranes and heavy lift cranes.

Standard features include:

- Design factors in accordance with customer and third party specifications.
- Certification or classification in accordance

with any IACS party or API is possible.

- 100% traceability of all load bearing parts (3.1 or 3.2).
- Fit for extremely low temperature applications.
- Can be made suitable for subsea depths up to 4,000 metres.
- C5-MM or higher quality coating.
- Forged high tensile steel EN/DIN hooks.
- Lockable heavy-duty safety latch.
- Cast sheaves featuring 'graphite lubrication'.
- High-quality, low-friction thrust bearing.
- ATEX proof on request.

PLEASE CONTACT US FOR MORE DETAILS

RECOMMENDED FINISH

Segment / application	ISO 12944 classification	Classification description	Expected protection duration	DFT (µm)
Construction	C2M	Slightly polluted atmosphere, predominately agriculture areas	5 to 15 year	120
Construction	C3M	Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air	2 to 5 year	120
Construction	C3M	Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air	5 to 15 year	160
Cargo handling	C3M	Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air	5 to 15 year	160
Cargo handling	C4H	Industrial areas and coastal areas with average salt content in air	more than 15 year	280
Cargo handling	C5-MM	Coastal areas and open sea with high salt content in air	5 to 15 year	280
Offshore	C4H	Industrial areas and coastal areas with average salt content in air	more than 15 year	300
Offshore	C5-MM	Coastal areas and open sea with high salt content in air	5 to 15 year	300
Offshore	C5-MH	Coastal areas and open sea with high salt content in air	more than 15 year	320
Offshore	NORSOK sys. 1*	Open sea with high salt content in air	more than 15 year	300



CARGO HANDLING- /MARITIME CRANE BLOCKS

The Ropeblock portfolio includes special blocks for cargo handling, especially on container ships, bulk carriers and general heavy and multi-purpose cargo ships. Our blocks are available in different classifications. Smart Engineering enables us to always come up with the optimum solution for your application and classification.

Standard features include:

- Different design factors are possible, depending on application and classification.

- Certification or classification in accordance with any IACS party is possible.
- 100% traceability of all load bearing parts (3.1 or 3.2).
- Forged high tensile steel EN/DIN hooks.
- Cast sheaves featuring ‘graphite lubrication’.
- Standard with C3M coating, higher quality finishing available.
- High-quality, low-friction thrust bearing.

PLEASE CONTACT YOUR SALES REPRESENTATIVE FOR MORE DETAILS

RECOMMENDED FINISH

Segment / application	ISO 12944 classification	Classification description	Expected protection duration	DFT (µm)
Construction	C2M	Slightly polluted atmosphere, predominately agriculture areas	5 to 15 year	120
Construction	C3M	Industrial and residential air pollution levels, with an average sulfur dioxide (IV) contamination level. Coastal areas with low salt content in air	2 to 5 year	120
Construction	C3M	Industrial and residential air pollution levels, with an average sulfur dioxide (IV) contamination level. Coastal areas with low salt content in air	5 to 15 year	160
Cargo handling	C3M	Industrial and residential air pollution levels, with an average sulfur dioxide (IV) contamination level. Coastal areas with low salt content in air	5 to 15 year	160
Cargo handling	C4H	Industrial areas and coastal areas with average salt content in air	more than 15 year	280
Cargo handling	C5-MM	Coastal areas and open sea with high salt content in air	5 to 15 year	280
Offshore	C4H	Industrial areas and coastal areas with average salt content in air	more than 15 year	300
Offshore	C5-MM	Coastal areas and open sea with high salt content in air	5 to 15 year	300
Offshore	C5-MH	Coastal areas and open sea with high salt content in air	more than 15 year	320
Offshore	NORSOK sys. 1*	Open sea with high salt content in air	more than 15 year	300



INDUSTRIAL SPECIFIC BLOCKS

This block type is always custom specific.

Depending on the particular application, the following features are available:

- Double-sealed maintenance-free roller bearings
- Compact design
- Protected grease fittings
- Durable reeve guards
- Forged high tensile steel EN/DIN hooks

- Cast sheaves, featuring graphite lubricated groove
- Motorized hook (optional)
- Temperature range depending on application
- C3M finish in signal yellow

**PLEASE CONTACT YOUR SALES
REPRESENTATIVE FOR MORE DETAILS**





OVERHAUL WEIGHTS

Many factors are relevant to determine minimum overhaul weights.

These factors include:

- Boom length or jib height
- Geometrical design of block and crown block
- Type of bearing
- Sheave diameters
- Wire rope type and construction
- Number of stationary sheaves outside the tackle
- Grease
- Operational temperatures

The overhaul weight is therefore established in collaboration with the crane manufacturer. For cranes with various boom configurations the overhaul weight can be set by means of interchangeable cheek weights.



PLEASE CONTACT US FOR MORE DETAILS



MISCELLANEOUS BLOCKS

Ropeblock offers a wide choice of standard blocks. Some were developed for general purposes, others for specific rigging equipment. Possible applications include routing or guiding wire rope, upending and wall tilt-up, and cargo handling on merchant vessels. The blocks presented in this catalog are off-the-shelf products that can be modified to meet specific customer needs.

Standard features include:

- Design factor 4:1
- Design acc. ASME B30.5, B30.10, B30.26
- D/d ration can be modified upon customer request
- With or without becket
- Bronze bushing
- For high speed purposes: roller bearings
- Painted in a suitable industrial coating

THE ANATOMY OF A ROPEBLOCK BLOCK PRODUCT NUMBER

sample product number:

HB 255.16.1.8.E

Model Description:

HB = Single sheave block
WB = Samson wire rope block
HLS/VLS/FLS = Directional block
VB/VBK = Snatch block
HCLW = High cap. Low weight block
BBA = Anchor boom block
BBC = Cargo block
CB = Construction Block

Number
of
Sheaves

Wire Rope Size
in mm

Additional Product Description:

E = Single Hook
D = Ramshorn hook
DB = Ramshorn hook form B
S = Shackle
O = Oblong Eye

Working Load Limit

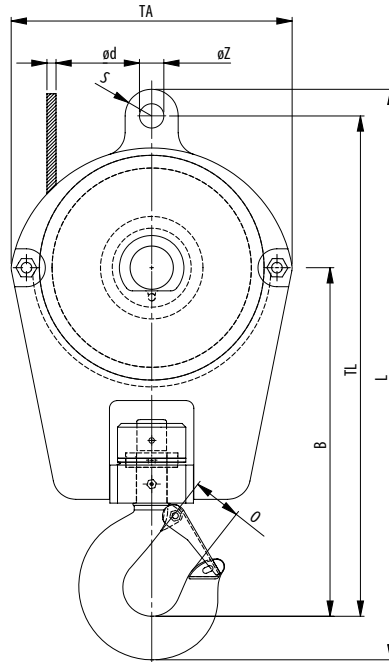
in Metric Tons
(multiply by 110%
for US Tons)

Sheave Tread Diameter in mm

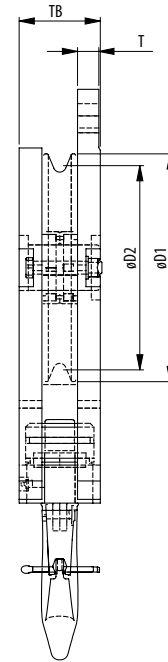
A Ropeblock product number includes significant information that carries meaning contributing to the product.

PLEASE CONTACT US FOR MORE DETAILS

SINGLE SHEAVE BLOCKS



SINGLE ACTION HOOK



Model No.	WLL (USTons)	for wire ød (inch)	Dimensions (inch)										Weight (lbs)
			øD1	øD2	B	O	S	TA	TB	TL	T	øZ	
HB 210.11.1.5.E	5.5	7/16	9.84	8.27	13.70	1.34	1.18	12.60	4.06	20.59	0.79	1.06	90
HB 220.13.1.5.E	5.5	1/2	10.24	8.70	13.90	1.34	1.18	13.90	4.29	20.67	0.87	1.06	148
HB 220.14.1.8.E	8.8	9/16	10.24	8.58	15.35	1.69	1.38	12.99	4.76	22.48	1.10	1.26	176
HB 220.14.1.10.E	11	9/16	10.24	8.58	16.89	2.05	1.38	12.99	5.39	23.98	1.10	1.26	205
HB 255.13.1.8.E	8.8	1/2	11.81	10.04	16.77	1.69	1.18	14.57	3.98	24.45	0.87	1.06	196
HB 255.16.1.8.E	8.8	5/8	11.81	9.92	16.54	1.69	1.38	14.57	4.37	24.45	1.10	1.26	207
HB 255.16.1.10.E	11	5/8	11.81	9.92	18.07	2.05	1.38	14.57	5.00	25.94	1.10	1.26	201
HB 305.16.1.10.E	11	5/8	13.78	12.01	19.65	2.05	1.38	17.13	4.21	29.09	1.10	1.30	249
HB 345.18.1.12.E	13.2	11/16	15.75	13.58	21.93	2.24	1.77	19.69	4.92	32.76	1.38	1.46	357
HB 390.20.1.16.E	17.6	13/16	17.72	15.35	23.31	2.24	1.97	21.65	5.16	36.10	1.38	1.69	454
HB 430.22.1.20.E	22	7/8	19.69	16.93	23.31	2.99	1.97	23.62	5.83	40.63	1.57	1.69	626

Minimum Ultimate Strength = 4 x WLL

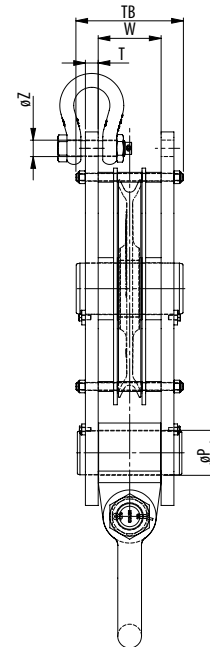
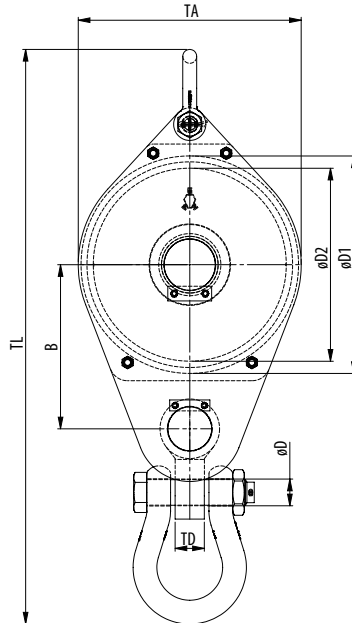
- Standard fitted with becket, cylindrical roller bearing and reeving guide.
- Standard fitted with swivel only hook (319AN style), including safety latch and split pin. Standard painted yellow (no striping).
- This crane block may be used with 2 lines only as well.
- Third party testing with certification available upon request.
- Sheaves may be adjustud for other wire rope diameters.
- Becket suitable for connecting Open Wedge Socket for indicated wire rope diameter.



SEE OUR WARNING & SAFETY INFORMATION

CONSTRUCTION BLOCK WITH SHACKLE

1 SHEAVE



Model No.	WLL (UStons)	For wire ød (inch)	Dimensions (inch)												Weight (lbs)
			øD1	øD2	B	øD	øP	TD	øZ	T	TA	TB	TL	W	
CB 260.xx.1.18,5	20	½ - ⅝	11.8	10.2	10.1	1.8	2.4	1.4	1.1	0.8	12.2	7.5	35.3	4.2	165
CB 320.xx.1.27,5	30	⅝ - ¾	14.4	12.6	11.7	2.1	2.8	1.8	1.2	1.0	14.8	8.4	41.2	4.7	279
CB 355.xx.1.36,5	40	¾ - ⅞	16.1	14.0	13.4	2.4	3.9	2.4	1.6	1.2	16.5	9.9	48.3	5.8	452
CB 400.xx.1.45	50	¾ - 1	18.1	15.7	14.5	2.7	3.9	2.6	1.6	1.2	18.5	10.2	52.5	5.8	568
CB 450.xx.1.55	60	⅞ - 1⅛	20.3	17.7	16.1	2.9	4.7	3.1	1.8	1.4	20.9	11.6	58.7	6.8	835
CB 528.xx.1.64	70	⅞ - 1¼	23.4	20.8	17.7	2.9	4.7	3.1	1.8	1.4	24.0	11.6	61.9	6.8	1009
CB 575.xx.1.73	80	1 - 1⅞	25.6	22.6	19.4	3.4	5.5	4.3	2.1	1.6	26.4	13.3	71.2	7.8	1436
CB 630.xx.1.82	90	1 - 1½	28.0	24.8	20.6	3.4	5.5	4.3	2.1	1.6	28.7	13.3	73.6	7.8	1563

Minimum Ultimate Strength = 4 x WLL

- Standard delivered with bronze bearing
- The dimensions in this table are indicative only. A drawing will always be submitted prior production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.



SEE OUR WARNING & SAFETY INFORMATION

Optional

With hanger

With pin

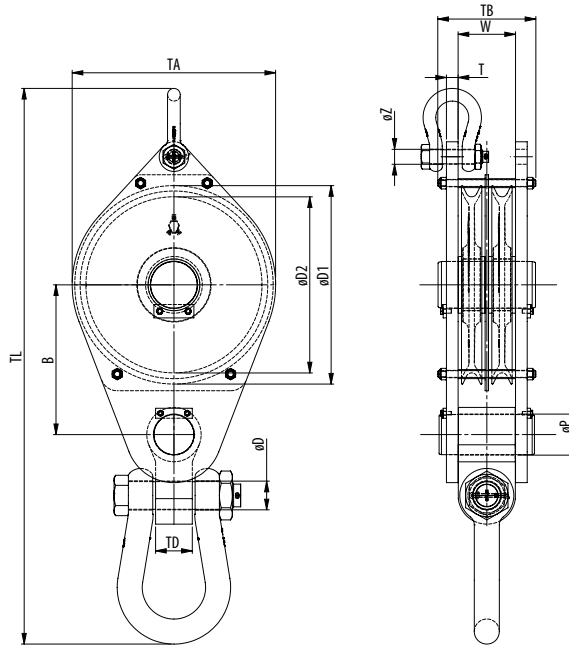
With swivel eye

With swivel jaw



CONSTRUCTION BLOCK WITH SHACKLE

2 SHEAVES



Model No.	WLL (USTons)	For wire ød (inch)	Dimensions (inch)												Weight (lbs)
			øD1	øD2	B	øD	øP	TD	øZ	T	TA	TB	TL	W	
CB 260.xx.2.27,5	30	1/2 - 5/8	11.8	10.2	10.1	2.1	2.4	1.8	1.1	0.8	12.2	7.5	37.3	4.2	194
CB 320.xx.2.41	45	5/8 - 3/4	14.4	12.6	11.7	2.4	2.8	2.4	1.2	1.0	14.8	8.4	42.4	4.7	315
CB 355.xx.2.55	60	3/4 - 7/8	16.1	14.0	13.4	2.9	3.9	3.1	1.6	1.2	16.5	9.9	52.3	5.8	520
CB 400.xx.2.68	75	3/4 - 1	18.1	15.7	14.5	2.9	3.9	3.1	1.6	1.2	18.5	10.2	54.7	5.8	628
CB 450.xx.2.82	90	7/8 - 1 1/8	20.3	17.7	16.1	3.4	4.7	4.3	1.8	1.4	20.9	11.6	62.4	6.8	940
CB 528.xx.2.100	110	7/8 - 1 1/4	23.4	20.8	17.7	3.4	4.7	4.3	1.8	1.4	24.0	11.6	65.6	6.8	1130
CB 575.xx.2.114	126	1 - 1 1/16	25.6	22.6	19.4	3.9	5.5	4.7	2.1	1.6	26.4	13.3	75.9	7.8	1645
CB 630.xx.2.127	140	1 - 1 1/2	28.0	24.8	20.6	3.9	5.5	4.7	2.1	1.6	28.7	13.3	78.3	7.8	1739

Minimum Ultimate Strength = 4 x WLL

- Standard delivered with bronze bearing
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- Refer to wire rope manufacturers D/d ratio guideline.



SEE OUR WARNING & SAFETY INFORMATION

Optional

With hanger

With pin

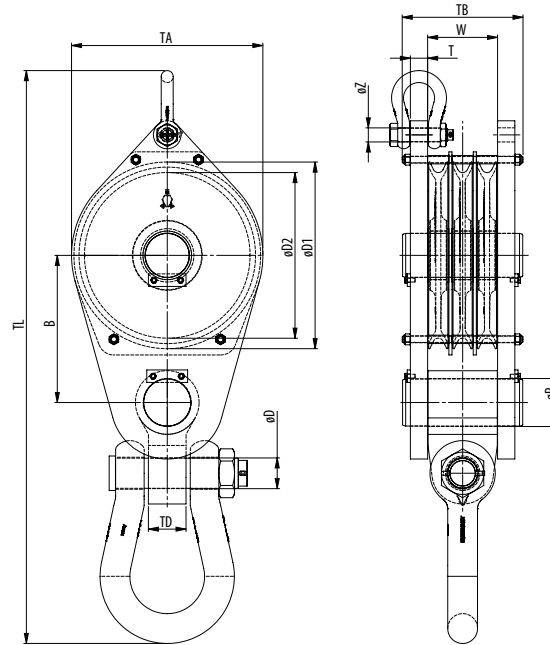
With swivel eye

With swivel jaw



CONSTRUCTION BLOCK WITH SHACKLE

3 SHEAVES



Model No.	WLL (UStons)	For wire ød (inch)	Dimensions (inch)												Weight (lbs)
			øD1	øD2	B	øD	øP	TD	øZ	T	TA	TB	TL	W	
CB 260.xx.3.36,5	40	½ - ⅝	11.8	10.2	10.7	2.4	3.1	2.4	1.1	1.2	12.2	9.9	39.6	5.8	298
CB 320.xx.3.55	60	⅝ - ¾	14.4	12.6	12.5	2.9	3.9	3.1	1.2	1.4	14.8	11.3	48.0	6.8	509
CB 355.xx.3.73	80	¾ - ⅞	16.1	14.0	14.1	3.4	5.1	4.3	1.6	1.8	16.5	13.1	57.6	7.8	825
CB 400.xx.3.91	100	¾ - 1	18.1	15.7	15.3	3.4	5.1	4.3	1.6	1.8	18.5	13.4	59.9	7.8	988
CB 450.xx.3.110	121	⅞ - 1⅛	20.3	17.7	16.9	3.9	5.9	4.7	1.8	2.2	20.9	15.2	68.7	8.8	1513
CB 528.xx.3.127	140	⅞ - 1¼	23.4	20.8	18.5	3.9	5.9	4.7	1.8	2.2	24.0	15.2	71.9	8.8	1813
CB 575.xx.3.145	160	1 - 1⅞	25.6	22.6	20.2	4.4	6.7	5.5	2.1	2.4	26.4	17.6	79.1	10.5	2510
CB 630.xx.3.165	182	1 - 1½	28.0	24.8	21.4	4.4	6.7	5.5	2.1	2.4	28.7	17.6	81.5	10.5	2656

Minimum Ultimate Strength = 4 x WLL

- Standard delivered with bronze bearing
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- Refer to wire rope manufacturers D/d ratio guideline.



SEE OUR WARNING & SAFETY INFORMATION

Optional

With hanger

With pin

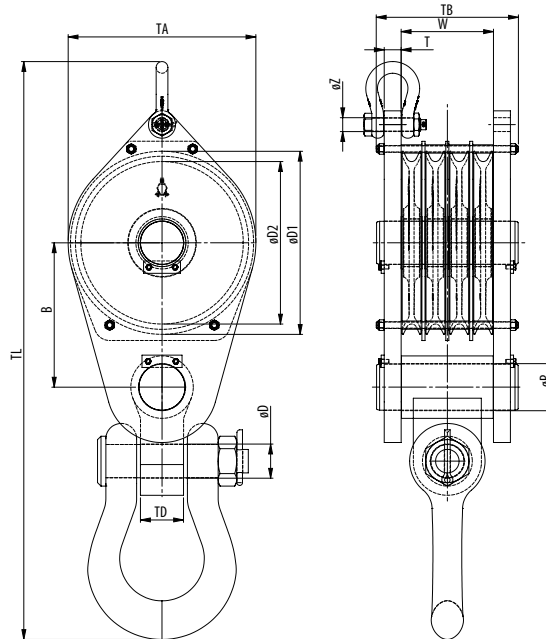
With swivel eye

With swivel jaw



CONSTRUCTION BLOCK WITH SHACKLE

4 SHEAVES



Model No.	WLL (UStons)	For wire ød (inch)	Dimensions (inch)												Weight (lbs)
			øD1	øD2	B	øD	øP	TD	øZ	T	TA	TB	TL	W	
CB 260.xx.4.41	45	1/2 - 5/8	11.8	10.2	10.7	2.4	3.1	2.4	1.1	1.2	12.2	11.9	39.6	7.8	334
CB 320.xx.4.64	70	5/8 - 3/4	14.4	12.6	12.5	2.9	3.9	3.1	1.2	1.4	14.8	12.3	48.0	7.8	554
CB 355.xx.4.82	90	3/4 - 7/8	16.1	14.0	14.1	3.4	5.1	4.3	1.6	1.8	16.5	15.7	57.6	10.5	918
CB 400.xx.4.105	116	3/4 - 1	18.1	15.7	15.3	3.4	5.1	4.3	1.6	1.8	18.5	16.1	59.9	10.5	1109
CB 450.xx.4.127	140	7/8 - 1 1/8	20.3	17.7	16.9	3.9	5.9	4.7	1.8	2.2	20.9	18.2	68.7	11.8	1690
CB 528.xx.4.150	165	7/8 - 1 1/4	23.4	20.8	18.5	4.4	5.9	5.5	1.8	2.2	24.0	18.2	73.5	11.8	2176
CB 575.xx.4.173	191	1 - 1 1/16	25.6	22.6	20.2	4.4	6.7	5.5	2.1	2.4	26.4	21.0	79.1	13.9	2809
CB 630.xx.4.191	210	1 - 1 1/2	28.0	24.8	21.4	5.2	6.7	5.5	2.1	2.4	28.7	21.0	87.4	13.9	3153

Minimum Ultimate Strength = 4 x WLL

- Standard delivered with bronze bearing
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- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.



SEE OUR WARNING & SAFETY INFORMATION

Optional

With hanger

With pin

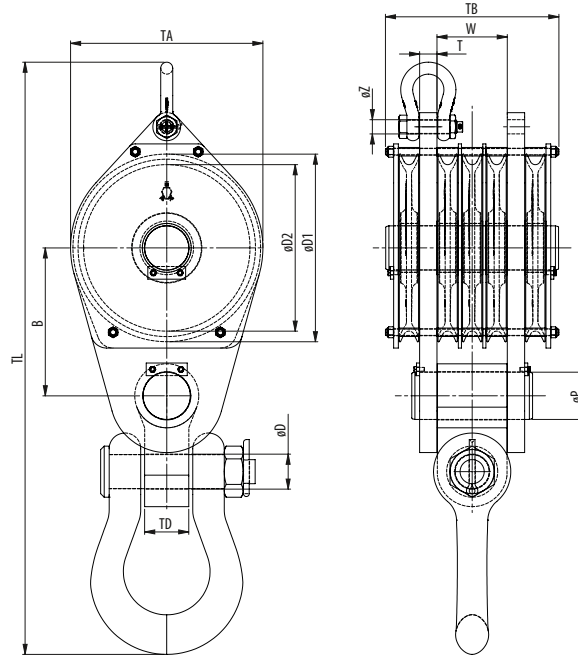
With swivel eye

With swivel jaw



CONSTRUCTION BLOCK WITH SHACKLE

5 SHEAVES



Model No.	WLL (UStons)	For wire ød (inch)	Dimensions (inch)												Weight (lbs)
			øD1	øD2	B	øD	øP	TD	øZ	T	TA	TB	TL	W	
CB 260.xx.5.50	55	1/2 - 5/8	11.8	10.2	10.7	2.7	3.1	2.6	1.1	1.2	12.2	14.8	41.4	5.8	412
CB 320.xx.5.73	80	5/8 - 3/4	14.4	12.6	12.5	3.4	3.9	4.3	1.2	1.4	14.8	16.1	51.7	6.8	713
CB 355.xx.5.95	105	3/4 - 7/8	16.1	14.0	14.1	3.4	5.1	4.3	1.6	1.8	16.5	19.0	57.6	7.8	993
CB 400.xx.5.120	132	3/4 - 1	18.1	15.7	15.3	3.9	5.1	4.7	1.6	1.8	18.5	19.3	64.7	7.8	1352
CB 450.xx.5.145	160	7/8 - 1 1/8	20.3	17.7	16.9	4.4	5.9	5.5	1.8	2.2	20.9	21.7	70.4	8.8	1971
CB 528.xx.5.173	191	7/8 - 1 1/4	23.4	20.8	18.5	4.4	5.9	5.5	1.8	2.2	24.0	21.7	73.5	8.8	2366
CB 575.xx.5.191	210	1 - 1 1/16	25.6	22.6	20.2	5.2	6.7	5.5	2.1	2.4	26.4	25.1	85.0	10.5	3267
CB 630.xx.5.220	243	1 - 1 1/2	28.0	24.8	21.4	5.2	6.7	5.5	2.1	2.4	28.7	25.1	87.4	10.5	3403

Minimum Ultimate Strength = 4 x WLL

- Standard delivered with bronze bearing
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- Refer to wire rope manufacturers D/d ratio guideline.



SEE OUR WARNING & SAFETY INFORMATION

Optional

With hanger

With pin

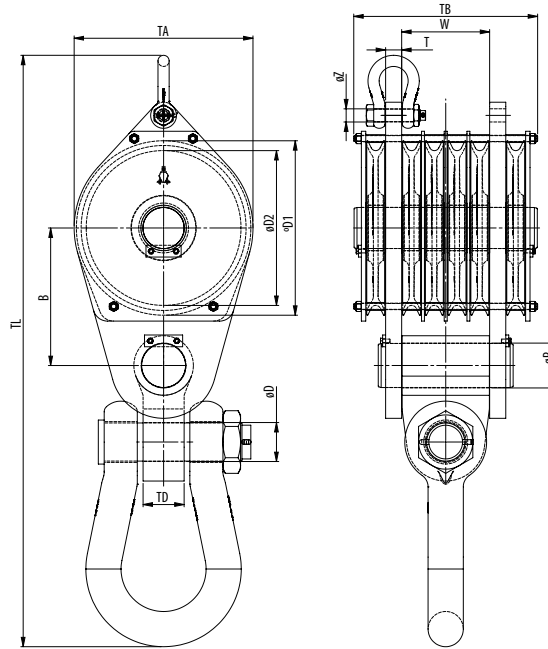
With swivel eye

With swivel jaw



CONSTRUCTION BLOCK WITH SHACKLE

6 SHEAVES



Model No.	WLL (USTons)	For wire ød (inch)	Dimensions (inch)												Weight (lbs)
			øD1	øD2	B	øD	øP	TD	øZ	T	TA	TB	TL	W	
CB 260.xx.6.55	60	½ - ⅝	11.8	10.2	10.7	2.9	3.1	3.1	1.1	1.2	12.2	16.7	43.6	7.8	481
CB 320.xx.6.82	90	⅝ - ¾	14.4	12.6	12.5	3.4	3.9	4.3	1.2	1.4	14.8	17.1	51.7	7.8	758
CB 355.xx.6.110	121	¾ - ⅞	16.1	14.0	14.1	3.9	5.1	4.7	1.6	1.8	16.5	21.7	62.3	10.5	1215
CB 400.xx.6.132	146	¾ - 1	18.1	15.7	15.3	3.9	5.1	4.7	1.6	1.8	18.5	22.0	64.7	10.5	1472
CB 450.xx.6.160	176	⅞ - 1⅝	20.3	17.7	16.9	4.4	5.9	5.5	1.8	2.2	20.9	24.7	70.4	11.8	2147
CB 528.xx.6.191	211	⅞ - 1¼	23.4	20.8	18.5	5.2	5.9	5.5	1.8	2.2	24.0	24.7	79.4	11.8	2792
CB 575.xx.6.220	243	1 - 1⅞	25.6	22.6	20.2	5.2	6.7	5.5	2.1	2.4	26.4	28.5	85.0	13.9	3566
CB 630.xx.6.240	265	1 - 1½	28.0	24.8	21.4	5.6	6.7	5.9	2.1	2.4	28.7	28.5	90.0	13.9	3837

Minimum Ultimate Strength = 4 x WLL

- Standard delivered with bronze bearing
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- Refer to wire rope manufacturers D/d ratio guideline.



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Optional

With hanger

With pin

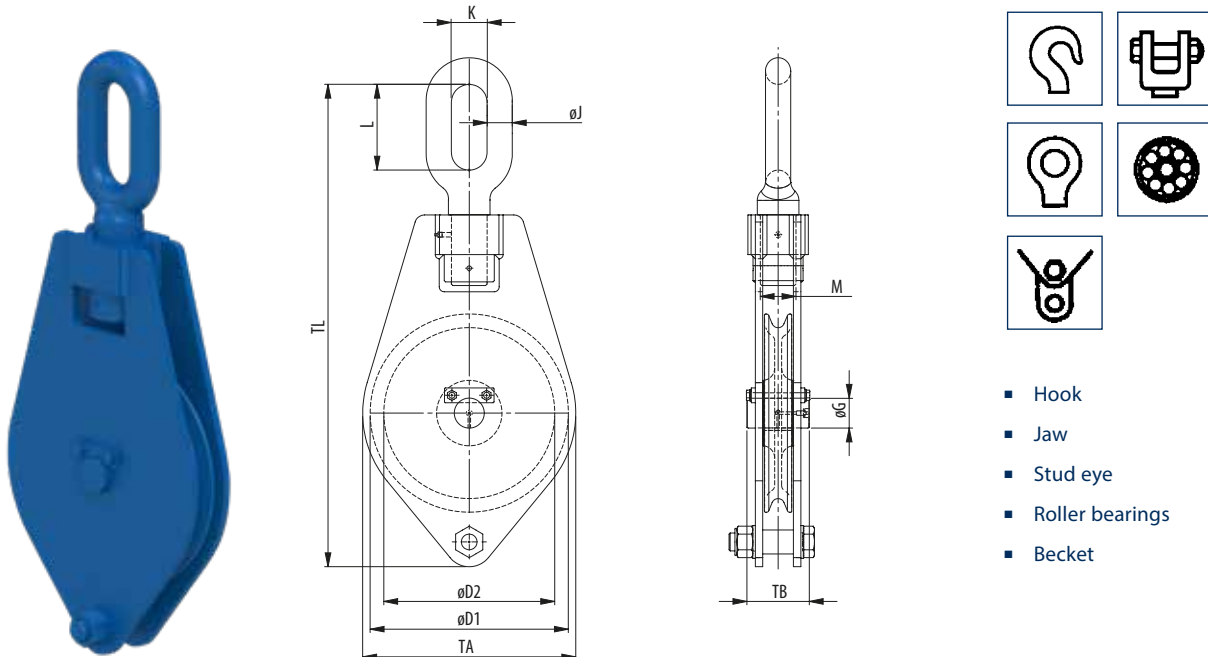
With swivel eye

With swivel jaw



SAMSON WIRE ROPE BLOCKS

1 SHEAVE



Model No. (+B for w. becket)	WLL (UStons)	for wire ød (inch)	Dimensions (inch)										Weight (lbs)
			øD1	øD2	øG	øJ	K	L	M	TA	TB	TL	
WB 80.8.1.0,75.O	0.8	5/16	3.94	3.15	0.59	0.47	0.83	1.89	0.63	4.33	1.77	10.83	4
WB 105.10.1.1.O	1.1	3/8	4.92	4.13	0.87	0.63	1.02	2.28	0.71	5.31	2.05	13.23	7
WB 120.12.1.2.O	2.2	1/2	5.91	4.72	1.18	0.63	1.02	2.28	0.94	6.69	2.91	16.02	13
WB 165.14.1.3.O	3.3	9/16	7.87	6.50	1.18	0.83	1.26	2.83	1.18	8.66	2.91	19.69	22
WB 210.18.1.4.O	4.4	1 1/16	9.84	8.27	1.38	1.02	1.57	3.70	1.30	10.63	3.19	23.94	40
WB 255.20.1.6.O	6.6	1 3/16	11.81	10.04	1.57	1.14	1.77	4.25	1.65	12.60	3.46	27.80	60
WB 305.22.1.8.O	8.8	7/8	13.78	12.01	1.77	1.26	1.93	4.49	1.77	14.96	3.62	30.63	97
WB 305.22.1.10.O	11.0	7/8	13.78	12.01	1.97	1.42	2.13	4.92	2.05	14.96	4.33	31.30	110
WB 345.24.1.10.O	11.0	1 5/16	15.75	13.58	1.97	1.42	2.13	4.92	2.05	16.93	4.33	33.39	132
WB 305.22.1.12.O	13.2	7/8	13.78	12.01	1.97	1.61	2.36	5.67	2.20	14.96	4.49	32.32	130
WB 345.24.1.12.O	13.2	1 5/16	15.75	13.58	2.36	1.61	2.36	5.67	2.20	16.93	4.65	36.46	165
WB 305.22.1.16.O	17.6	7/8	13.78	12.01	1.97	1.81	2.60	6.42	2.52	14.96	4.49	34.61	152
WB 345.24.1.16.O	17.6	1 5/16	15.75	13.58	2.36	1.81	2.60	6.42	2.52	16.93	4.65	37.76	179
WB 345.24.1.20.O	22.0	1 5/16	15.75	13.58	2.36	2.01	2.83	6.81	2.83	16.93	4.65	38.98	214
WB 390.28.1.20.O	22.0	1 1/8	17.72	15.35	2.76	2.01	2.83	6.81	2.83	18.90	5.04	41.18	240
WB 390.28.1.25.O	27.6	1 1/8	17.72	15.35	2.76	2.36	3.15	7.68	2.99	18.90	5.04	43.50	287
WB 390.28.1.30.O	33.1	1 1/8	17.72	15.35	2.76	2.36	3.54	8.66	3.15	18.90	5.28	45.08	331

Minimum Ultimate Strength = 5 x WLL

WLL= Working Load Limit on head fitting.

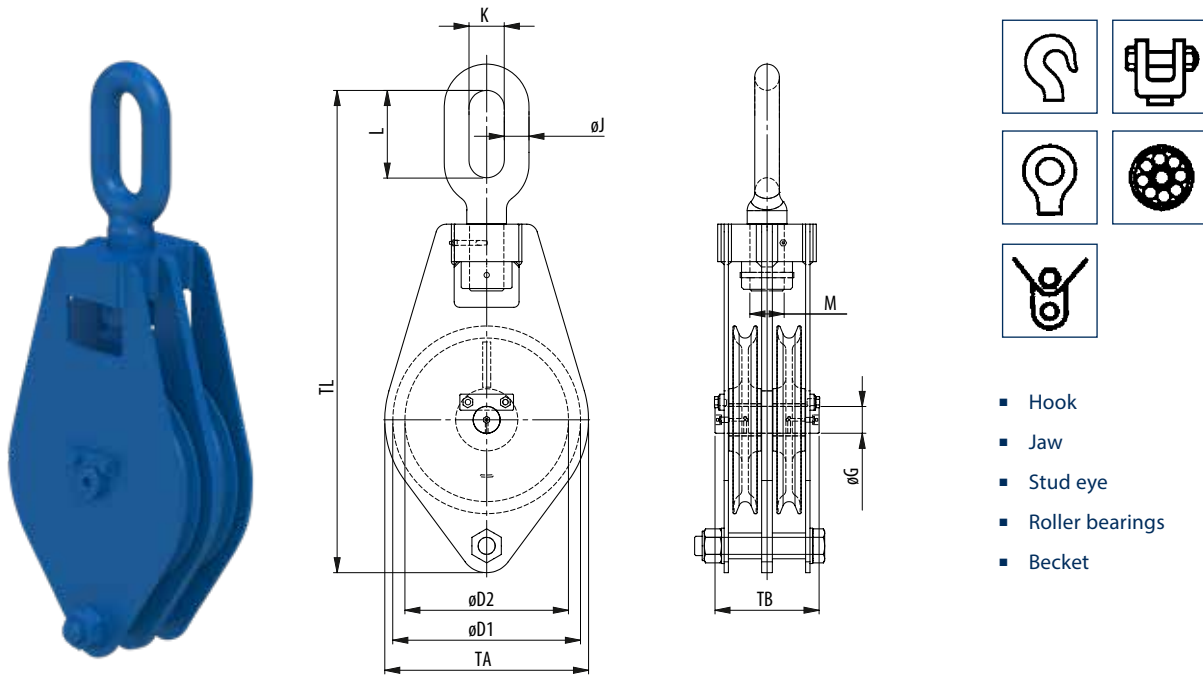
- All blocks up to 30 tons are standard supplied with swivel oval eye, for over 30 tons with swivel stud eye.
- All blocks can be supplied with swivel hook, swivel stud eye or swivel jaw.
- Standard supplied with bronze bearings.
- Other bearings available on request.
- Groove in sheave may be adjusted to other wire rope diameters.



SEE OUR WARNING & SAFETY INFORMATION

SAMSON WIRE ROPE BLOCKS

2 SHEAVES



Model No. (+B for w. becket)	WLL (UStons)	for wire ød (inch)	Dimensions (inch)										Weight (lbs)
			øD1	øD2	øG	øJ	K	L	M	TA	TB	TL	
WB 80.8.2.1.O	1.1	5/16	3.94	3.15	0.59	0.63	1.02	2.28	0.71	4.33	2.76	11.61	9
WB 105.10.2.1,5.O	1.7	3/8	4.92	4.13	0.87	0.63	1.02	2.28	0.94	5.31	3.35	13.23	13
WB 120.12.2.3.O	3.3	1/2	5.91	4.72	1.18	0.83	1.26	2.83	1.18	6.69	4.72	16.93	24
WB 165.14.2.4.O	4.4	9/16	7.87	6.50	1.18	1.02	1.57	3.70	1.30	8.66	4.72	21.18	40
WB 210.18.2.6.O	6.6	1 1/16	9.84	8.27	1.38	1.14	1.77	4.25	1.65	10.63	5.24	24.57	71
WB 255.20.2.8.O	8.8	1 3/16	11.81	10.04	1.57	1.26	1.93	4.49	1.77	12.60	5.75	28.07	95
WB 305.22.2.10.O	11.0	7/8	13.78	12.01	1.77	1.42	2.13	4.92	2.05	14.96	5.98	22.40	163
WB 305.22.2.12.O	13.2	7/8	13.78	12.01	1.97	1.61	2.36	5.67	2.20	14.96	7.32	32.32	179
WB 345.24.2.12.O	13.2	1 5/16	15.75	13.58	1.97	1.61	2.36	5.67	2.20	16.93	7.09	35.16	225
WB 305.22.2.16.O	17.6	7/8	13.78	12.01	1.97	1.81	2.60	6.42	2.52	14.96	7.32	34.61	216
WB 345.24.2.16.O	17.6	1 5/16	15.75	13.58	2.36	1.81	2.60	6.42	2.52	16.93	7.56	37.76	278
WB 305.22.2.20.O	22.0	7/8	13.78	12.01	1.97	2.01	2.83	6.81	2.83	14.96	7.32	35.28	256
WB 345.24.2.20.O	22.0	1 5/16	15.75	13.58	2.36	2.01	2.83	6.81	2.83	16.93	7.56	38.43	322
WB 345.24.2.25.O	27.6	1 5/16	15.75	13.58	2.36	2.36	3.15	7.68	2.99	16.93	7.56	41.93	373
WB 390.28.2.25.O	27.6	1 1/8	17.72	15.35	2.76	2.36	3.15	7.68	2.99	18.90	8.70	44.09	419
WB 345.24.2.30.O	33.1	1 5/16	15.75	13.58	2.36	2.36	3.54	8.66	3.15	16.93	7.56	43.11	406
WB 390.28.2.30.O	33.1	1 1/8	17.72	15.35	2.76	2.36	3.54	8.66	3.15	18.90	9.29	45.28	450
WB 390.28.2.40.O	44.1	1 1/8	17.72	15.35	2.76	-	3.78	3.78	3.54	18.90	9.29	40.55	496

Minimum Ultimate Strength = 5 x WLL

WLL= Working Load Limit on head fitting.

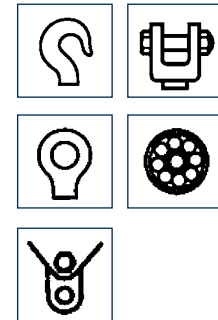
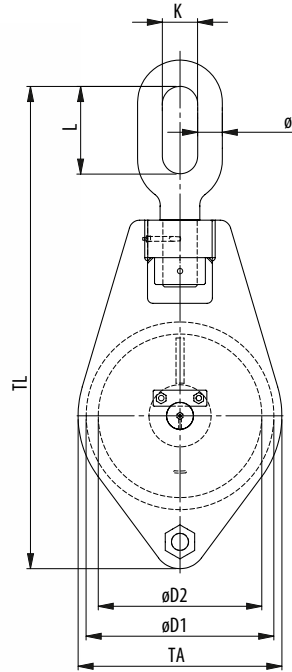
- All blocks up to 30 tons are standard supplied with swivel oval eye, for over 30 tons with swivel stud eye.
- All blocks can be supplied with swivel hook, swivel stud eye or swivel jaw.
- Standard supplied with bronze bearings.
- Other bearings available on request.
- Groove in sheave may be adjusted to other wire rope diameters.



SEE OUR WARNING & SAFETY INFORMATION

SAMSON WIRE ROPE BLOCKS

3 SHEAVES



- Hook
- Jaw
- Stud eye
- Roller bearings
- Becket

Model No. (+B for w. becket)	WLL (UStons)	for wire ød (inch)	Dimensions (inch)										Weight (lbs)
			øD1	øD2	G	øJ	K	L	M	TA	TB	TL	
WB 105.10.3.2.O	2.2	3/8	4.92	4.13	0.87	0.63	1.02	2.28	0.94	5.31	4.72	13.23	20
WB 120.12.3.4.O	4.4	1/2	5.91	4.72	1.18	1.02	1.57	3.70	1.30	6.69	6.54	18.43	37
WB 165.14.3.6.O	6.6	9/16	7.87	6.50	1.18	1.14	1.77	4.25	1.65	8.66	6.54	21.89	62
WB 210.18.3.8.O	8.8	11/16	9.84	8.27	1.38	1.26	1.93	4.49	1.77	10.63	7.28	24.92	101
WB 255.20.3.10.O	11.0	13/16	11.81	10.04	1.57	1.42	2.13	4.92	2.05	12.60	8.03	28.86	152
WB 305.22.3.12.O	13.2	7/8	13.78	12.01	1.77	1.61	2.36	5.67	2.20	14.96	8.35	32.40	218
WB 305.24.3.16.O	17.6	15/16	13.78	12.01	1.97	1.81	2.60	6.42	2.52	14.96	10.16	34.65	265
WB 345.24.3.16.O	17.6	15/16	15.75	13.58	1.97	1.81	2.60	6.42	2.52	16.93	9.84	36.50	346
WB 305.24.3.20.O	22.0	15/16	13.78	12.01	1.97	2.01	2.83	6.81	2.83	14.96	10.16	35.28	315
WB 345.24.3.20.O	22.0	15/16	15.75	13.58	2.36	2.01	2.83	6.81	2.83	16.93	10.47	39.61	406
WB 305.24.3.25.O	27.6	15/16	13.78	12.01	1.97	2.36	3.15	7.68	2.99	14.96	10.47	37.60	375
WB 345.24.3.25.O	27.6	15/16	15.75	13.58	2.36	2.36	3.15	7.68	2.99	16.93	10.47	41.93	437
WB 390.28.3.25.O	27.6	1 1/8	17.72	15.35	2.76	2.36	3.15	7.68	2.99	18.90	11.65	44.09	485
WB 345.28.3.30.O	33.1	1 1/8	15.75	13.58	2.36	2.36	3.54	8.66	3.15	16.93	10.47	43.11	474
WB 390.28.3.30.O	33.1	1 1/8	17.72	15.35	2.76	2.36	3.54	8.66	3.15	18.90	11.65	44.88	562
WB 345.28.3.40.O	44.1	1 1/8	15.75	13.58	2.36	-	3.78	3.78	3.54	16.93	10.94	37.20	551
WB 390.28.3.40.O	44.1	1 1/8	17.72	15.35	2.76	-	3.78	3.78	3.54	18.90	12.13	40.55	650
WB 390.28.3.50.O	55.1	1 1/8	17.72	15.35	2.95	-	4.17	4.17	3.94	18.90	13.31	41.54	739

Minimum Ultimate Strength = 5 x WLL

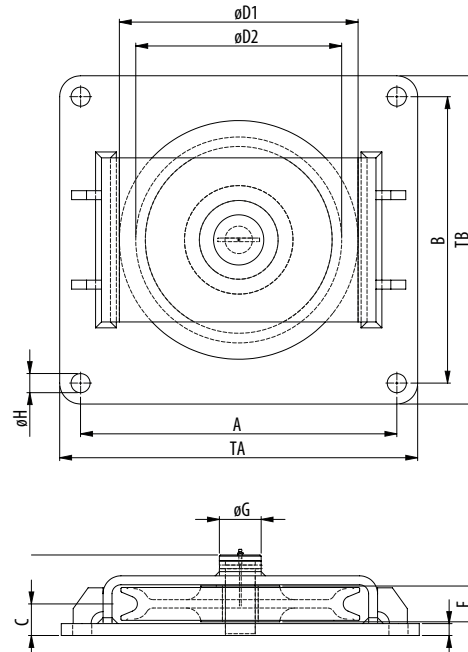
WLL= Working Load Limit on head fitting.

- All blocks up to 30 tons are standard supplied with swivel oval eye, for over 30 tons with swivel stud eye.
- All blocks can be supplied with swivel hook, swivel stud eye or swivel jaw.
- Standard supplied with bronze bearings.
- Other bearings available on request.
- Groove in sheave may be adjusted to other wire rope diameters.



SEE OUR WARNING & SAFETY INFORMATION

HORIZONTAL DIRECTIONAL BLOCKS



BRONZE BUSHING

Model No.	WLL (USTons)	Wire size up to (inch)	Bearing	Dimensions (inch)												Weight (lbs)
				$\phi D1$	$\phi D2$	A	B	C	F	ϕG	ϕH	T	TA	TB	TC	
HLS 105.10.1.1-BR	1.1	$\frac{3}{8}$	Bronze	4.92	4.13	7.09	5.91	0.89	1.06	0.87	0.35	0.31	7.87	6.69	2.13	5
HLS 120.12.1.2-BR	2.2	$\frac{1}{2}$	Bronze	5.91	4.72	8.66	7.48	1.22	1.57	1.18	0.43	0.39	9.84	8.66	2.83	10
HLS 165.14.1.3-BR	3.3	$\frac{9}{16}$	Bronze	7.87	6.50	11.42	9.45	1.30	1.57	1.18	0.53	0.47	12.60	10.63	2.99	17
HLS 210.18.1.4-BR	4.4	$1\frac{1}{16}$	Bronze	9.84	8.27	14.17	12.20	1.52	1.77	1.38	0.69	0.59	15.75	13.78	3.39	32
HLS 255.20.1.6-BR	6.6	$1\frac{3}{16}$	Bronze	11.81	10.04	15.75	14.17	1.81	1.97	1.57	0.87	0.79	17.72	16.14	3.90	50
HLS 305.22.1.8-BR	8.8	$\frac{7}{8}$	Bronze	13.78	12.01	18.11	16.54	1.81	1.97	1.77	1.02	0.79	20.47	18.90	3.90	70
HLS 345.24.1.10-BR	11.0	$1\frac{5}{16}$	Bronze	15.75	13.58	20.87	18.90	2.01	2.36	1.97	1.26	0.79	23.62	21.65	4.45	100

Minimum Ultimate Strength = 4 x WLL

BALL OR CYLINDRICAL ROLLER BEARING

Model No.	WLL (USTons)	Wire size up to (inch)	Bearing	Dimensions (inch)												Weight (lbs)
				$\phi D1$	$\phi D2$	A	B	C	F	ϕG	ϕH	T	TA	TB	TC	
HLS 105.10.1.1-BR	1.1	$\frac{3}{8}$	2 x Ball	4.92	4.13	7.09	5.91	0.89	1.06	0.87	0.35	0.31	7.87	6.69	2.13	5
HLS 120.12.1.2-BR	2.2	$\frac{1}{2}$	2 x Ball	5.91	4.72	8.66	7.48	1.22	1.57	1.18	0.43	0.39	9.84	8.66	2.83	10
HLS 165.14.1.3-BR	3.3	$\frac{9}{16}$	2 x Ball	7.87	6.50	11.42	9.45	1.30	1.57	1.18	0.53	0.47	12.60	10.63	2.99	17
HLS 210.18.1.4-BR	4.4	$1\frac{1}{16}$	Straight	9.84	8.27	14.17	12.20	1.52	1.77	1.38	0.69	0.59	15.75	13.78	3.39	32
HLS 255.20.1.6-BR	6.6	$1\frac{3}{16}$	Straight	11.81	10.04	15.75	14.17	1.81	1.97	1.57	0.87	0.79	17.72	16.14	3.90	50
HLS 305.22.1.8-BR	8.8	$\frac{7}{8}$	Straight	13.78	12.01	18.11	16.54	1.81	1.97	1.77	1.02	0.79	20.47	18.90	3.90	70
HLS 345.24.1.10-BR	11.0	$1\frac{5}{16}$	Straight	15.75	13.58	20.87	18.90	2.01	2.36	1.97	1.26	0.79	23.62	21.65	4.45	100

Minimum Ultimate Strength = 4 x WLL

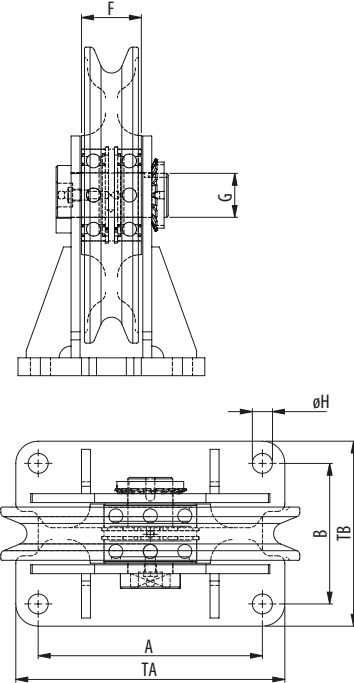
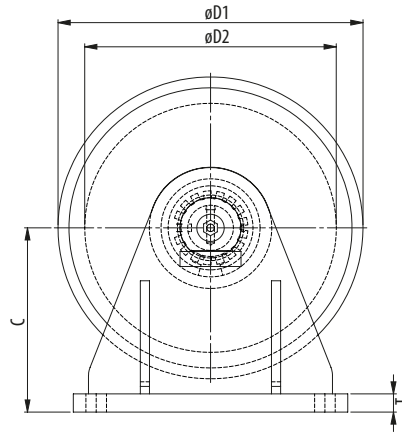
WLL= Working Load Limit on head fitting.

- The indicated WLL is valid at 180° wrap.
The FoS may decrease in other loading conditions.



**SEE OUR WARNING &
SAFETY INFORMATION**

VERTICAL DIRECTIONAL BLOCKS



BRONZE BUSHING

Model No.	WLL (UStons)	for wire ød (inch)	Bearing	Dimensions (inch)										Weight (lbs)	
				øD1	øD2	A	B	C	F	G	øH	T	TA		TB
VLS 105.10.1.1-BR	1.1	⅜	Bronze	4.92	4.13	3.54	2.76	3.27	1.06	0.87	0.35	0.31	4.53	3.74	3
VLS 120.12.1.2-BR	2.2	½	Bronze	5.91	4.72	4.53	3.35	3.74	1.57	1.18	0.43	0.39	5.51	4.33	5
VLS 165.14.1.3-BR	3.3	⅞	Bronze	7.87	6.50	5.91	3.74	4.80	1.57	1.18	0.53	0.47	7.09	4.92	8
VLS 210.18.1.4-BR	4.4	1⅛	Bronze	9.84	8.27	7.48	4.72	6.10	1.77	1.38	0.69	0.59	9.06	6.30	17
VLS 255.20.1.6-BR	6.6	1⅜	Bronze	11.81	10.04	8.66	5.91	7.28	1.97	1.57	0.87	0.79	10.63	7.87	26
VLS 305.22.1.8-BR	8.8	⅞	Bronze	13.78	12.01	10.63	6.30	8.66	1.97	1.77	1.02	0.98	12.99	8.66	41
VLS 345.24.1.10-BR	11.0	1⅝	Bronze	15.75	13.58	11.81	7.48	10.04	2.36	1.97	1.26	1.18	14.57	10.24	64

Minimum Ultimate Strength = 4 x WLL

BALL OR CYLINDRICAL ROLLER BEARING

Model No.	WLL (UStons)	for wire ød (inch)	Bearing	Dimensions (inch)										Weight (lbs)	
				øD1	øD2	A	B	C	F	G	øH	T	TA		TB
VLS 105.10.1.1	1.1	¾	2 x Ball	4.92	4.13	3.54	2.76	3.27	1.06	0.87	0.35	0.31	4.53	3.74	7
VLS 120.12.1.2	2.2	½	2 x Ball	5.91	4.72	4.53	3.35	3.74	1.57	1.18	0.43	0.39	5.51	4.33	11
VLS 165.14.1.3	3.3	⅞	2 x Ball	7.87	6.50	5.91	3.74	4.80	1.57	1.18	0.53	0.47	7.09	4.92	18
VLS 210.18.1.4	4.4	1⅛	Straight	9.84	8.27	7.48	4.72	6.10	1.77	1.38	0.69	0.59	9.06	6.30	37
VLS 255.20.1.6	6.6	1⅜	Straight	11.81	10.04	8.66	5.91	7.28	1.97	1.57	0.87	0.79	10.63	7.87	57
VLS 305.22.1.8	8.8	⅞	Straight	13.78	12.01	10.63	6.30	8.66	1.97	1.77	1.02	0.98	12.99	8.66	90
VLS 345.24.1.10	11.0	1⅝	Straight	15.75	13.58	11.81	7.48	10.04	2.36	1.97	1.26	1.18	14.57	10.24	141

Minimum Ultimate Strength = 4 x WLL

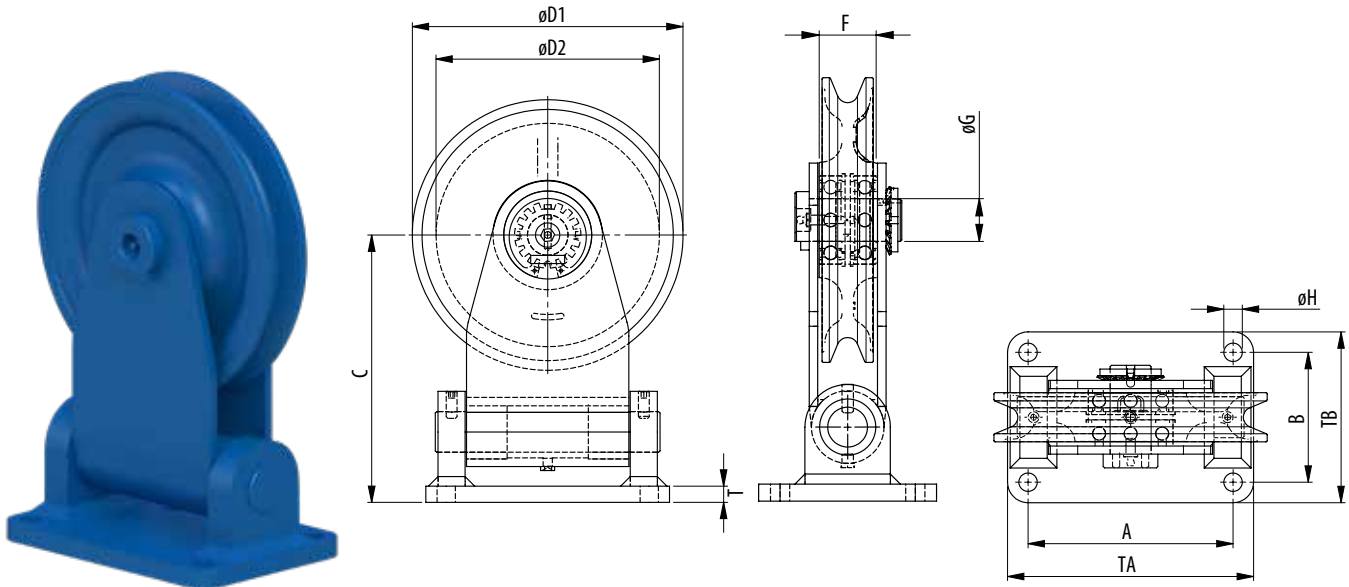
WLL= Working Load Limit on head fitting.

- The indicated WLL is valid at 180° wrap.
- The FoS may decrease in other loading conditions.



SEE OUR WARNING & SAFETY INFORMATION

FLAG DIRECTIONAL BLOCKS



BRONZE BUSHING

Model No.	WLL (USTons)	for wire ød (inch)	Bearing	Dimensions (inch)										Weight (lbs)	
				øD1	øD2	A	B	C	F	G	øH	T	TA		TB
FLS 105.10.1.1-BR	1.1	¾	Bronze	4.92	4.13	3.54	2.76	3.27	1.06	0.87	0.35	0.31	4.53	3.74	8
FLS 120.12.1.2-BR	2.2	½	Bronze	5.91	4.72	4.53	3.35	3.74	1.57	1.18	0.43	0.39	5.51	4.33	14
FLS 165.14.1.3-BR	3.3	⅝	Bronze	7.87	6.50	5.91	3.74	4.80	1.57	1.18	0.53	0.47	7.09	4.92	24
FLS 210.18.1.4-BR	4.4	1⅛	Bronze	9.84	8.27	7.48	4.72	6.10	1.77	1.38	0.69	0.59	9.06	6.30	46
FLS 255.20.1.6-BR	6.6	1⅜	Bronze	11.81	10.04	8.66	5.91	7.28	1.97	1.57	0.87	0.79	10.63	7.87	73
FLS 305.22.1.8-BR	8.8	⅞	Bronze	13.78	12.01	10.63	6.30	8.66	1.97	1.77	1.02	0.98	12.99	8.66	115
FLS 345.24.1.10-BR	11.0	1⅝	Bronze	15.75	13.58	11.81	7.48	10.04	2.36	1.97	1.26	1.18	14.57	10.24	176

Minimum Ultimate Strength = 4 x WLL

BALL OR CYLINDRICAL ROLLER BEARING

Model No.	WLL (USTons)	for wire ød (inch)	Bearing	Dimensions (inch)											Weight (lbs)
				øD1	øD2	A	B	C	F	G	øH	T	TA	TB	
FLS 105.10.1.1	1.1	¾	2 x Ball	4.92	4.13	3.54	2.76	3.27	1.06	0.87	0.35	0.31	4.53	3.74	8
FLS 120.12.1.2	2.2	½	2 x Ball	5.91	4.72	4.53	3.35	3.74	1.57	1.18	0.43	0.39	5.51	4.33	14
FLS 165.14.1.3	3.3	⅝	2 x Ball	7.87	6.50	5.91	3.74	4.80	1.57	1.18	0.53	0.47	7.09	4.92	24
FLS 210.18.1.4	4.4	1⅛	Straight	9.84	8.27	7.48	4.72	6.10	1.77	1.38	0.69	0.59	9.06	6.30	46
FLS 255.20.1.6	6.6	1⅜	Straight	11.81	10.04	8.66	5.91	7.28	1.97	1.57	0.87	0.79	10.63	7.87	73
FLS 305.22.1.8	8.8	⅞	Straight	13.78	12.01	10.63	6.30	8.66	1.97	1.77	1.02	0.98	12.99	8.66	115
FLS 345.24.1.10	11.0	1⅝	Straight	15.75	13.58	11.81	7.48	10.04	2.36	1.97	1.26	1.18	14.57	10.24	176

Minimum Ultimate Strength = 4 x WLL

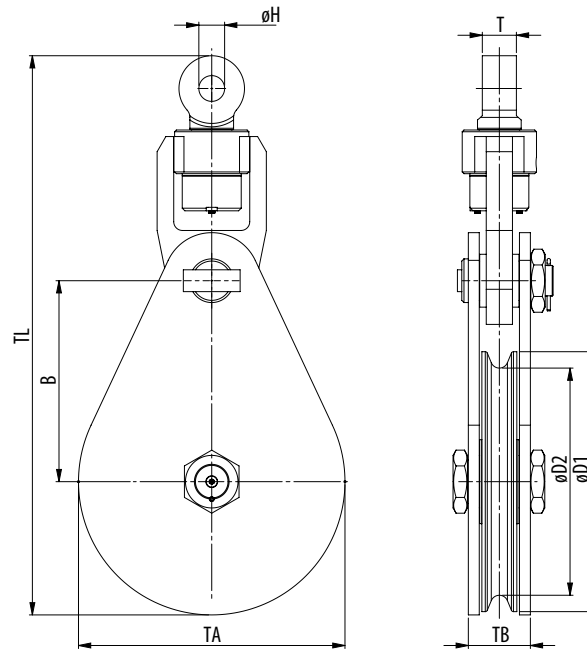
WLL= Working Load Limit on head fitting.

- The indicated WLL is valid at 180° wrap and 0° swing. The FoS may decrease in other loading conditions.



SEE OUR WARNING & SAFETY INFORMATION

SNATCH BLOCKS >>



- Hook
- Clevis
- Tailboard
- Oblong eye

Model No.	WLL (UStons)	For wire ød (inch)	Dimensions (inch)								Weight (lbs)
			øD1	øD2	B	øH	T	TA	TB	TC/TL	
VB 355.22.1.14.S	15	7/8	16.1	14	13	1.4	1.9	16.6	3.6	35	190
VB 240.28.1.20.S	22	1 - 1 1/8	11.8	9.4	10	1.5	1.9	12.2	3.3	28.9	120
VB 300.32.1.20.S	22	1 1/8 - 1 1/4	14.4	11.8	11	1.5	1.9	14.8	3.3	31.4	130
VB 240.28.1.25.S	27.5	1 - 1 1/8	11.8	9.4	10	1.6	2.1	12.2	3.3	28.6	125
VB 300.32.1.25.S	27.5	1 1/8 - 1 1/4	14.4	11.8	11	1.6	2.1	14.8	3.3	31.2	140
VB 390.26.1.25.S	27.5	7/8 - 1	17.7	15.4	13.8	2.1	2.8	18.5	4.4	39.5	265
VB 240.28.1.27.S	30	1 - 1 1/8	11.8	9.4	10	1.7	2.2	12.2	3.3	32	150
VB 300.32.1.27.S	30	1 1/8 - 1 1/4	14.4	11.8	11.3	1.7	2.2	14.8	3.3	34.6	185
VB 345.32.1.32.S	35	1 1/8 - 1 1/4	15.7	13.6	12.8	2.1	2.8	16.1	4.4	37.4	265
VB 345.36.1.32.S	35	1 1/4 - 1 3/8	15.7	13.6	12.8	2.1	2.8	16.1	4.4	37.4	265
VB 390.32.1.32.S	35	1 1/8 - 1 1/4	17.7	15.4	13.8	2.1	2.8	18.5	4.4	39.5	310
VB 390.38.1.32.S	35	1 3/8 - 1 1/2	17.7	15.4	13.8	2.1	2.8	18.5	4.4	39.5	310
VB 430.32.1.32.S	35	1 1/8 - 1 1/4	19.5	16.9	14.8	2.1	2.8	20.1	4.4	41.3	330
VB 430.38.1.32.S	35	1 3/8 - 1 1/2	19.5	16.9	14.8	2.1	2.8	20.1	4.4	41.3	330
VB 520.32.1.32.S	35	1 1/8 - 1 1/4	23.4	20.5	17.1	2.1	2.8	24	4.4	45.6	660
VB 430.32.1.36,5.S	40	1 1/8 - 1 1/4	19.5	16.9	15.7	2.1	2.8	20.1	4.8	42.7	440



Minimum Ultimate Strength = 4 x WLL

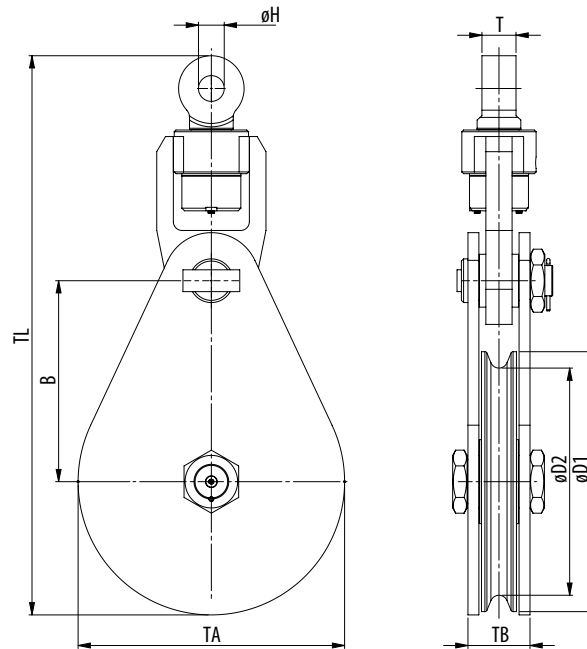
WLL= Working Load Limit on head fitting.

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- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.
- Standard provided with bronze bearing. Roller bearing optional.



SEE OUR WARNING & SAFETY INFORMATION

<< SNATCH BLOCKS



- Hook
- Clevis
- Tailboard
- Oblong eye

Model No.	WLL (UStons)	For wire ød (inch)	Dimensions (inch)								Weight (lbs)
			øD1	øD2	B	øH	T	TA	TB	TC/TL	
VB 430.38.1.36,5.S	40	1 3/8 - 1 1/2	19.5	16.9	15.7	2.1	2.8	20.1	4.8	42.7	440
VB 240.28.1.55.S	60	1 - 1 1/8	11.8	9.4	11.4	2.3	3.1	12.2	5.6	37.8	383
VB 520.38.1.55.S	60	1 3/8 - 1 1/2	23.4	20.5	18.1	2.3	3.1	24	5.6	50.4	680
VB 520.44.1.55.S	60	1 1/2 - 1 3/4	23.4	20.5	18.1	2.3	3.1	24	5.6	50.4	680
VB 520.52.1.55.S	60	1 3/4 - 2	23.4	20.5	18.1	2.3	3.1	24	5.6	50.4	680
VB 520.52.1.75.S	82.5	1 3/4 - 2	23.4	20.5	18.1	2.9	3.9	24	5.6	52.6	726
VB 630.58.1.75.S	82.5	1 3/4 - 2 1/4	29.5	24.8	22.4	2.9	3.9	30.3	8	71.5	1265
VB 710.68.1.100.S	110	2 1/2 - 2 5/8	31.5	28	25.6	3.4	4.7	32.3	8	75.2	1605
VB 800.76.1.125.S	137.5	2 3/4 - 3	35	31.5	29.5	3.4	4.7	36.2	8	84.6	2200

Also Available in Double Sheave Models:

VB 355.22.2.14.S	15	7/8	16.1	14	13	1.4	1.9	16.6	3.6	35	190
VB 240.28.2.20.S	22	1 - 1 1/8	11.8	9.4	10	1.5	1.9	12.2	3.3	28.9	120
VB 300.32.2.20.S	22	1 1/8 - 1 1/4	14.4	11.8	11.3	1.5	1.9	14.8	3.3	31.4	130

Minimum Ultimate Strength = 4 x WLL

WLL= Working Load Limit on head fitting.

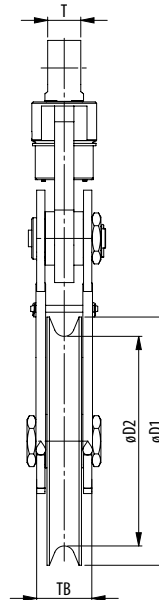
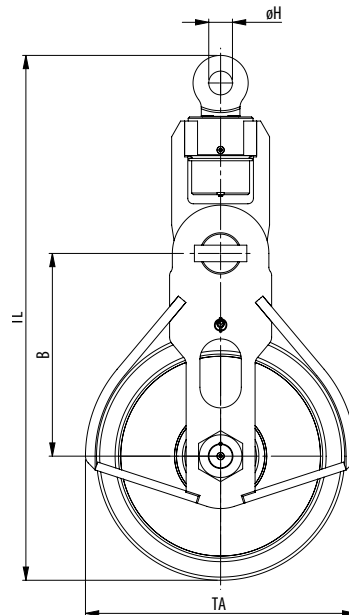
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- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.
- Standard provided with bronze bearing. Roller bearing optional.



SEE OUR WARNING & SAFETY INFORMATION

HIGH CAPACITY LIGHT WEIGHT BLOCKS

LIGHT WEIGHT TILT-UP BLOCKS



- Hook
- Clevis
- Tailboard
- Oblong eye

Model No.	WLL (USTons)	For wire ød (inch)	Dimensions (inch)								Weight (lbs)
			øD1	øD2	B	øH	T	TA	TB	TL	
HCLW 240.28.1.25.S	27.5	1 - 1½	11.8	9.4	10.2	1.6	2.1	14	4	28.7	155
HCLW 355.32.1.27.S	30	1½ - 1¾	16.5	14	14.8	1.7	2.2	18.7	4.4	39.1	265
HCLW 355.36.1.32.S	35	1¾ - 1⅝	16.5	14	14.8	1.7	2.2	18.7	4.8	39.1	265
HCLW 430.32.1.27.S	30	1½ - 1¾	19.5	16.9	16.3	1.7	2.2	21.7	4.4	42.2	240
HCLW 430.32.1.32.S	35	1½ - 1¾	19.5	16.9	16.3	1.7	2.2	21.7	4.8	42.1	285
HCLW 430.38.1.32.S	35	1¾ - 1½	19.5	16.9	16.3	1.7	2.2	21.7	4.8	42.1	255
HCLW 430.38.1.40.S	45	1¾ - 1½	19.5	16.9	16.3	2	2.8	21.7	4.8	43.6	320
HCLW 520.38.1.55.S	60	1¾ - 1½	23.4	20.5	19.1	2.8	3.9	25.6	5.2	51.9	420
HCLW 520.44.1.55.S	60	1½ - 1¾	23.4	20.5	19.1	2.3	3.1	25.6	5.2	51.5	420
HCLW 520.52.1.55.S	60	1¾ - 2	23.4	20.5	19.1	2.3	3.1	25.6	5.2	51.5	420
HCLW 630.58.1.81.S	90	2 - 2¼	28	24.8	22.6	2.9	3.9	30.6	6	62.4	880
HCLW 630.64.1.81.S	90	2¼ - 2½	28	24.8	22.6	2.9	3.9	30.6	6	62.4	880
HCLW 760.70.1.110.S	120	2½ - 2¾	35.4	29.9	28.9	3.4	4.7	38.6	7.9	74.9	1200
HCLW 760.76.1.110.S	120	2¾ - 3	35.4	29.9	28.9	3.4	4.7	38.6	7.9	74.9	1200
HCLW 760.76.1.125.S	137.5	2¾ - 3	35.4	29.9	28.9	3.3	4.7	38.6	7.9	74.4	1320
HCLW 760.76.1.137,5.S	150	2¾ - 3	35.4	29.9	28.9	3.3	4.7	38.6	7.9	74.4	1540

Minimum Ultimate Strength = 4 x WLL

WLL= Working Load Limit on head fitting.

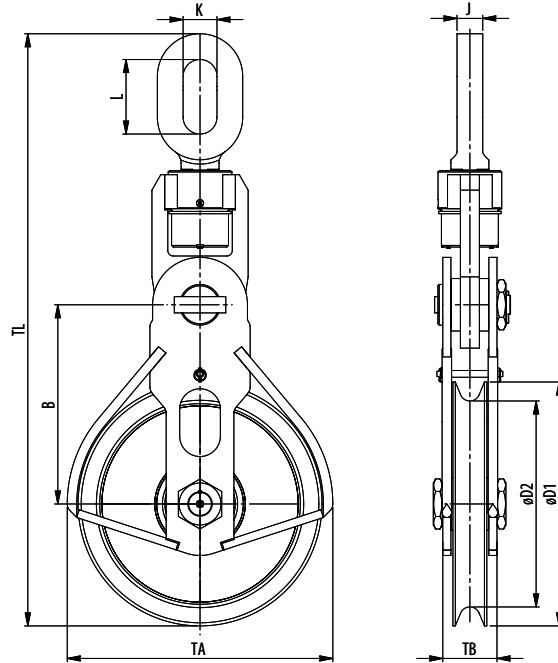
- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.
- Standard provided with roller bearing. Bronze bearing optional.



SEE OUR WARNING & SAFETY INFORMATION

HIGH CAPACITY LIGHT WEIGHT BLOCKS

LIGHT WEIGHT TILT-UP BLOCKS



- Hook
- Clevis
- Tailboard
- Oblong eye

Model No.	WLL (USTons)	For wire ød (inch)	Dimensions (inch)								TL	Weight (lbs)
			øD1	øD2	B	J	K	L	TA	TB		
HCLW 240.28.1.25.O	27.5	1 - 1½	11.8	9.4	10.2	2	3	5.9	14	4	37.2	175
HCLW 355.32.1.27.O	30	1½ - 1¼	16.5	14	14.8	2.4	3.1	6.9	18.7	4.4	47	290
HCLW 355.36.1.32.O	35	1¼ - 1¾	16.5	14	14.8	2.4	3.1	6.9	18.7	4.8	47	290
HCLW 430.32.1.27.O	30	1½ - 1¼	19.5	16.9	16.3	2.4	3.1	6.9	21.7	4.4	50	275
HCLW 430.32.1.32.O	35	1½ - 1¼	19.5	16.9	16.3	2.4	3.1	6.9	21.7	4.4	49	310
HCLW 430.38.1.32.O	35	1¼ - 1½	19.5	16.9	16.3	2.4	3.1	6.9	21.7	4.8	50	290
HCLW 430.38.1.40.O	45	1¼ - 1½	19.5	16.9	16.3	2.6	3.5	7.9	21.7	4.8	51.6	340
HCLW 520.38.1.55.O	60	1¼ - 1½	23.4	16.9	19.1	2.6	3.5	7.5	25.6	5.2	60	480
HCLW 520.44.1.55.O	60	1½ - 1¾	23.4	20.5	19.1	2.8	3.9	8.7	25.6	5.2	60.5	480
HCLW 520.52.1.55.O	60	1¾ - 2	23.4	20.5	19.1	2.8	3.9	8.7	25.6	5.2	60.5	480
HCLW 630.58.1.81.O	90	2 - 2¼	28	24.8	22.6	3.1	4.3	9.8	30.6	6	74.1	915
HCLW 630.64.1.81.O	90	2¼ - 2½	28	24.8	22.6	3.1	4.3	9.8	30.6	6	74.1	915
HCLW 760.70.1.110.O	120	2½ - 2¾	35.4	29.9	28.9	3.7	4.9	10.8	38.6	7.9	86.2	1300
HCLW 760.76.1.110.O	120	2¾ - 3	35.4	29.9	28.9	3.7	4.9	10.8	38.6	7.9	86.2	1300
HCLW 760.76.1.125.O	137.5	2¾ - 3	35.4	29.9	28.9	3.9	4.9	10.8	38.6	7.9	86.2	1430
HCLW 760.76.1.137,5.O	150	2¾ - 3	35.4	29.9	28.9	3.9	4.9	10.8	38.6	7.9	86.2	1650

Minimum Ultimate Strength = 4 x WLL

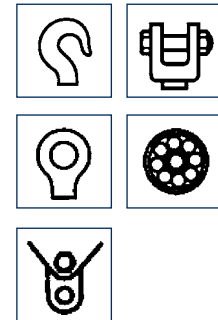
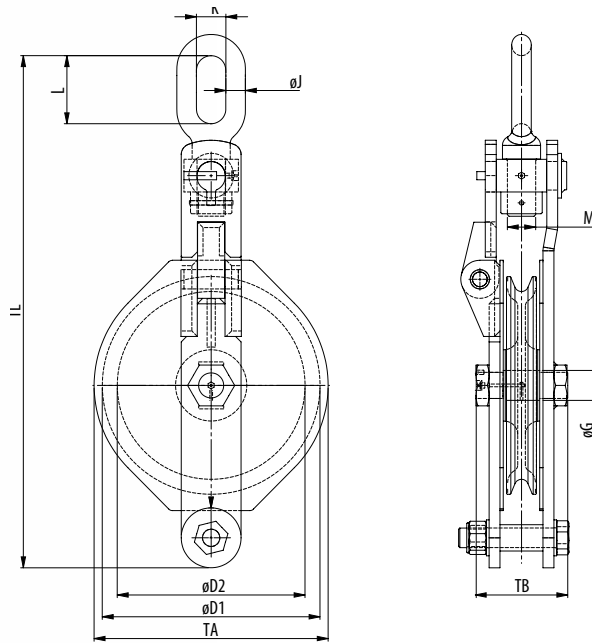
WLL= Working Load Limit on head fitting.

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- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.
- Standard provided with roller bearing. Bronze bearing optional.



SEE OUR WARNING & SAFETY INFORMATION

SNATCH BLOCKS SELF LOCKING



- Hook
- Jaw
- Stud eye
- Roller bearings
- Becket

Model No. (+B for w. becket)	WLL (UStons)	for wire ød (inch)	Dimensions (inch)										Weight (lbs)
			øD1	øD2	øG	øJ	K	L	M	TA	TB	TL	
VBK 105.10.1.1.O	1.1	3/8	4.92	4.13	0.87	0.63	1.02	2.28	0.71	5.31	3.15	12.44	10
VBK 120.12.1.2.O	2.2	1/2	5.91	4.72	1.18	0.63	1.02	2.28	0.94	6.69	3.94	15.39	18
VBK 165.14.1.3.O	3.3	9/16	7.87	6.50	1.18	0.83	1.26	2.83	1.18	8.66	3.94	19.02	28
VBK 210.18.1.4.O	4.4	1 1/16	9.84	8.27	1.38	1.02	1.57	3.70	1.30	10.63	4.33	24.17	46
VBK 255.20.1.6.O	6.6	1 3/16	11.81	10.04	1.57	1.14	1.77	4.25	1.65	12.60	4.92	27.48	73
VBK 305.22.1.8.O	8.8	7/8	13.78	12.01	1.77	1.26	1.93	4.53	1.77	14.96	5.91	30.59	106
VBK 345.24.1.10.O	11.0	1 5/16	15.75	13.58	1.97	1.42	2.13	4.92	2.05	16.93	6.69	34.25	150
VBK 345.24.1.12.O	13.2	1 5/16	15.75	13.58	2.17	1.61	2.36	5.67	2.20	16.93	6.69	35.28	183
VBK 345.28.1.16.O	17.6	1 1/8	15.75	13.58	2.36	1.81	2.60	6.42	2.52	16.93	7.09	37.40	209
VBK 390.30.1.16.O	17.6	1 3/16	17.72	15.35	2.76	1.81	2.60	6.42	2.52	18.90	7.09	38.58	234
VBK 345.30.1.20.O	22.0	1 3/16	15.75	13.58	2.76	2.01	2.83	6.81	2.83	16.93	7.87	38.98	269
VBK 390.32.1.20.O	22.0	1 1/4	17.72	15.35	2.76	2.01	2.83	6.81	2.83	18.90	7.87	40.16	287
VBK 390.36.1.25.O	27.6	1 7/16	17.72	15.35	3.15	2.36	3.15	7.68	2.99	18.90	8.82	41.14	331
VBK 390.36.1.30.O	33.1	1 7/16	17.72	15.35	3.54	2.36	3.54	8.66	3.15	18.90	8.94	48.03	419
VBK 480.42.1.40.O	44.1	1 5/8	21.65	19.49	4.72	-	3.78	3.78	3.54	22.83	9.45	44.88	551

Minimum Ultimate Strength = 4 x WLL

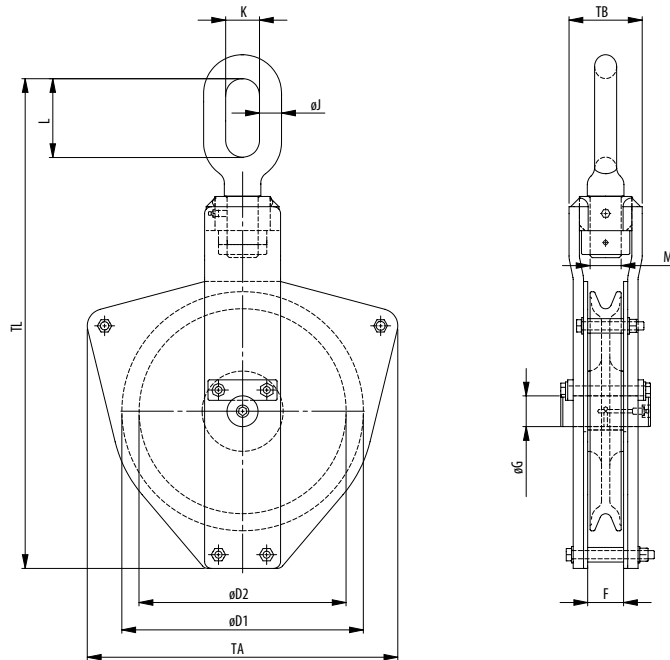
WLL= Working Load Limit on head fitting.

- Snatch blocks can be supplied with becket, the last digit of the stock number should be 1 (instead of 0).
- Standard supplied with bronze bearings. • Other bearings available on request.
- Standard supplied with swivel oval eye up to 30 tons, for over 30 tons with swivel stud eye.
- Snatch blocks of 1 ton and over 30 tons are provided with a fixed trunnion and locking pin.
- Snatch blocks can be supplied with swivel hook, swivel stud eye or swivel jaw.
- Groove in sheave may be adjusted to other wire rope diameters.



SEE OUR WARNING & SAFETY INFORMATION

ANCHOR BOOM BLOCKS



Model No.	WLL (USTons)	for wire ϕd (inch)	Dimensions (inch)												Weight (lbs)
			$\phi D1$	$\phi D2$	F	ϕG	ϕJ	K	L	M	R	TA	TB	TL	
BBA 165.10.1.3.O	3,3	$\frac{3}{8}$	7.87	6.50	1.57	1.18	0.83	1.26	2.83	1.18	0.22	10.63	9.06	18.31	30
BBA 210.12.1.4.O	4,4	$\frac{1}{2}$	9.84	8.27	1.77	1.38	1.02	1.57	3.70	1.30	0.26	12.60	11.02	21.89	49
BBA 255.14.1.6.O	6,6	$\frac{9}{16}$	11.81	10.04	1.97	1.57	1.14	1.77	4.25	1.65	0.30	15.75	14.17	25.71	77
BBA 300.18.1.8.O	8,8	$\frac{11}{16}$	13.78	11.81	1.77	1.77	1.26	1.93	4.53	1.77	0.37	17.72	15.75	28.11	159
BBA 345.20.1.12.O	13,2	$\frac{13}{16}$	15.75	13.58	1.97	2.36	1.61	2.36	5.67	2.20	0.43	19.76	17.32	39.92	187
BBA 390.22.1.16.O	17,6	$\frac{7}{8}$	17.72	15.35	2.36	2.76	1.81	2.60	6.42	2.52	0.47	22.05	20.08	43.07	231
BBA 430.24.1.18.O	19,8	$\frac{15}{16}$	19.69	16.93	2.76	2.95	2.01	2.83	6.81	2.83	0.51	24.02	20.47	43.19	298
BBA 430.36.1.20.O	22,0	1 $\frac{7}{16}$	19.69	16.93	2.76	3.15	2.01	2.83	6.81	2.83	0.77	24.41	21.65	43.86	362

Minimum Ultimate Strength = 4 x WLL

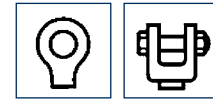
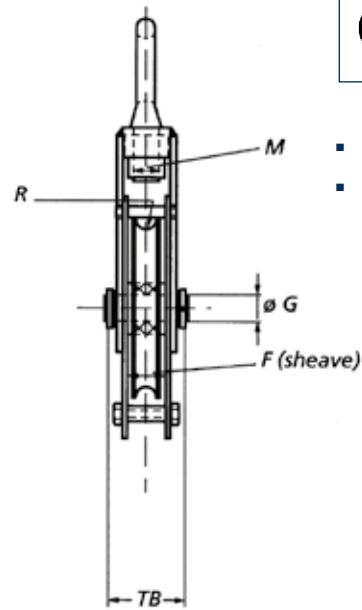
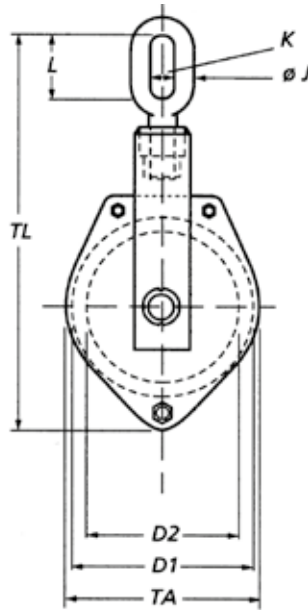
WLL= Working Load Limit on head fitting.

- Sheaves standard fitted with bronze bushing.
- Optionally supplied with roller thrust bearing for lifting eye.
- Groove in sheave may be adjusted to other wire rope diameters.



SEE OUR WARNING & SAFETY INFORMATION

CARGO BLOCKS WITHOUT BECKET



- Stud eye
- Clevis

Model No.	WLL (UStons)	Wire up to (inch)	Dimensions (inch)											Weight (lbs)	
			D1	D2	F	øG	øJ	K	L	M	R	TA	TB		TL
BBC 210.18.1.4.O	4.4	1¼	9.84	8.27	1.77	1.38	1.02	1.57	3.70	1.30	0.37	10.63	4.29	23.43	44
BBC 255.20.1.6.O	6.6	1⅜	11.81	10.04	1.97	1.57	1.14	1.77	4.25	1.65	0.43	12.60	4.72	27.76	68
BBC 305.22.1.8.O	8.8	7⁄8	13.78	12.01	2.36	1.77	1.26	1.93	4.53	1.77	0.47	14.96	5.04	30.71	108
BBC 345.24.1.10.O	11.0	1⅝	15.75	13.58	2.56	1.97	1.42	2.13	4.92	2.05	0.51	16.93	6.14	35.43	154
BBC 390.28.1.16.O	17.6	1 ½	17.72	15.35	2.76	2.36	1.81	2.60	6.42	2.52	0.59	18.90	6.54	41.73	231

Minimum Ultimate Strength = 4 x WLL

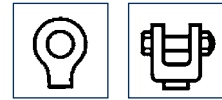
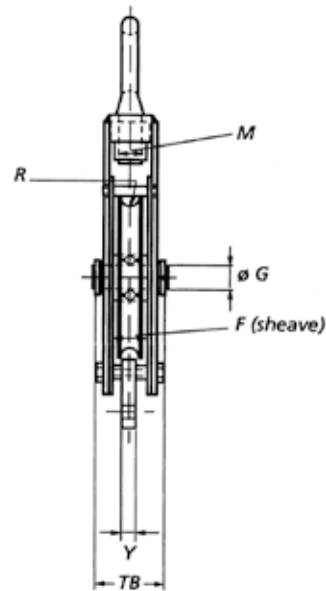
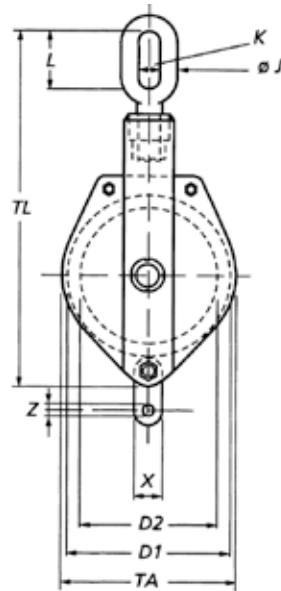
WLL= Working Load Limit on head fitting.

- Standard fitted with cylindrical roller bearings.
- Cargo blocks can also be supplied with jaw, stud eye or duckbill eye.
- Groove in sheave may be adjusted to other wire rope diameters.



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CARGO BLOCKS WITH BECKET



- Stud eye
- Clevis

Model No.	WLL (UStons)	Wire up to (inch)	Dimensions (inch)															Weight (lbs)
			D1	D2	F	øG	øJ	K	L	M	R	TA	TB	TL	X	Y	Z	
BBC 210.18.1.6.O.B	6.6	1 1/16	9.84	8.27	1.77	1.38	1.14	1.77	4.25	1.65	0.37	10.63	4.13	24.80	1.97	0.98	0.98	49
BBC 255.20.1.9.O.B	9.9	1 3/16	11.81	10.04	1.97	1.57	1.42	2.13	4.92	2.05	0.43	12.60	4.92	29.53	2.56	1.18	1.30	77
BBC 305.22.1.12.O.B	13.2	7/8	13.78	12.01	2.36	1.77	1.61	2.36	5.67	2.20	0.47	14.96	5.51	33.07	2.56	1.18	1.30	121
BBC 345.24.1.15.O.B	16.5	1 5/16	15.75	13.58	2.56	1.97	1.81	2.60	6.42	2.52	0.51	16.93	6.02	38.58	3.54	1.57	1.65	179
BBC 390.28.1.24.O.B	26.5	1 1/2	17.72	15.35	2.76	2.76	2.36	3.15	7.68	2.99	0.59	18.90	6.69	44.49	3.74	1.77	1.89	320

Minimum Ultimate Strength = 4 x WLL

WLL= Working Load Limit on head fitting.

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