

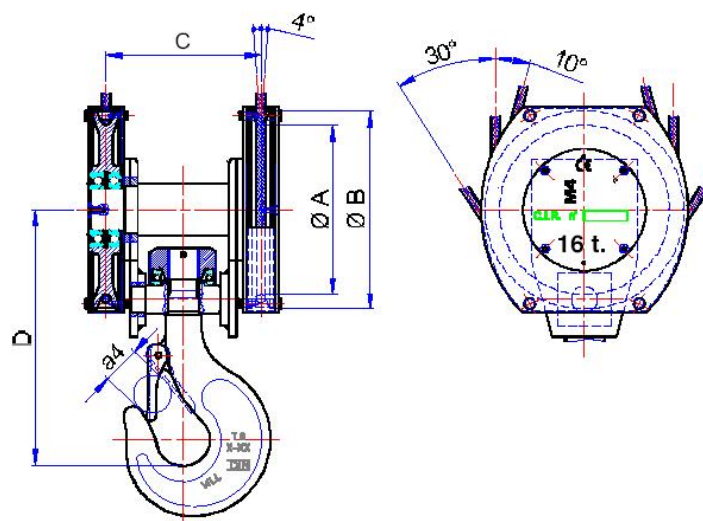
TWO SHEAVE OVERHEAD CRANEBLOCK

- Model 4/1 D
- RAL 9005 black and RAL 1007 yellow painted
- Steel sheet carter
- CSB series forged steel sheaves
- Other dimensions upon request



WLL (t) per FEM group

Reference	Group code	Size	Hook nr DIN15401	Ø A/ Ø B (mm)	Ø wire min/max (mm)	M5	M6	C mm	D mm	Weight (kg)
CHB122	105169	02	1,6-V	152/175	7	3,2	2,5	142	262	17
					8					
CHB132	105189	03	2,5-T	172/200	8	4	3,2	167	295	25
					9					
CHB142	105209	04	2,5-T	180/210	9	5	4	172	295	27
					10					
CHB172	105269	07	5-T	250/297	12	10	8	220	373	65
					13					



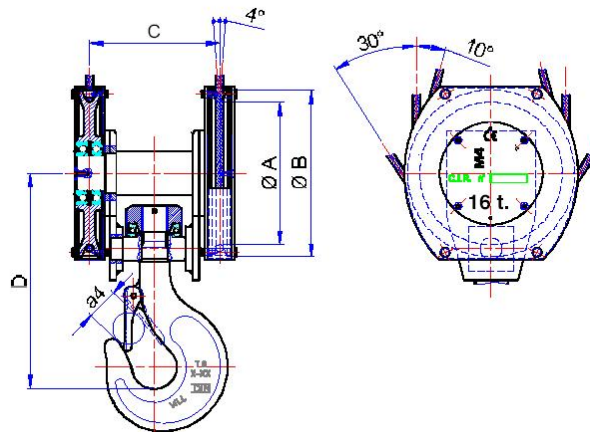
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TWO SHEAVE OVERHEAD CRANEBLOCK

- 2 sheave craneblock
- RAL 9005 black and RAL 1007 yellow painted
- Steel sheet carter
- CSB series forged steel sheaves
- Other dimensions available upon request

WLL (t) per FEM group

Référence	Group code	Size	Hook nr DIN15401	ØA/ ØB (mm)	Ø wire min/max (mm)	M5	M6	C mm	D mm	Weight (kg)
CHA152	105229	05	4-T	200/235	10	6,3	5	190	328	45
					11					
CHA162	105249	06	4-T	228/270	11	8	6,3	215	346	64
					12					
CHA172	105289	07	5-T	257/297	12	10	8	235	373	76
					13					
CHA182	105309	08	6-T	280/330	13	12,5	10	268	450	120
					14					
CHA192	105329	09	8-T	320/375	15	16	12,5	291	484	152
					16					
CHA202	105349	10	10-T	355/425	17	20	16	320	530	215
					18					
CHA212	105369	11	12-T	400/470	19	25	20	360	600	270
					20					



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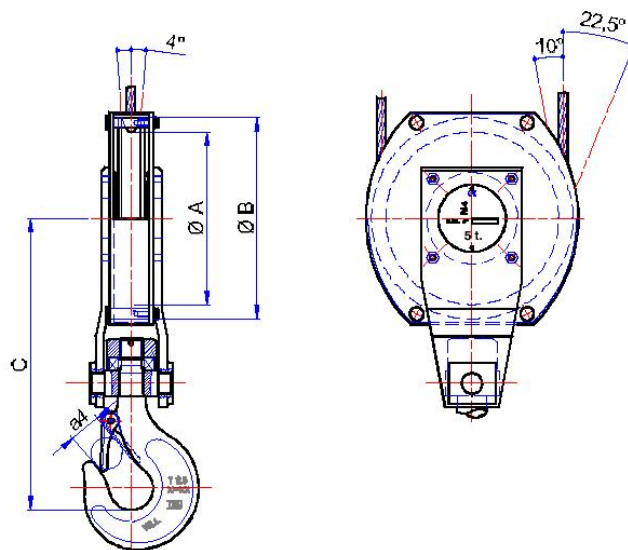
ONE SHEAVE OVERHEAD CRANEBLOCK

- 1 sheave crane block
- RAL 9005 black and RAL 1007 yellow painted
- Steel sheet carter
- CSB series forged steel sheaves
- Other dimensions available upon request



WLL (t) per FEM group

Reference	Group code	Size	Hook nr DIN 15401	ØA/ ØB (mm)	Ø wire min/max (mm)	M5	M6	C mm	Weight (kg)
CUB122	104819	02	1-V	152/175	7	1,6	1,25	305	11
					8				
CUB132	104839	03	1-V	172/200	8	2	1,6	317	14
					9				
CUB142	104859	04	1,6-V	180/210	9	2,5	2	348	18
					10				
CUB152	104879	05	1,6-V	200/235	10	3,2	2,5	359	21
					11				
CUB162	104899	06	2,5-T	228/270	11	4	3,2	418	36
					12				
CUB172	104919	07	2,5-T	257/297	12	5	4	434	41
					13				
CUB182	104939	08	4-T	280/330	13	6,3	5	475	65
					14				
CUB192	104959	09	4-T	320/375	15	8	6,3	488	68
					16				



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Description

The FM range hookblocks are non opening blocks with 2 or 3 sheaves for wire rope

The blocks are provided with a bronze bushed steel sheave and a hook with safety latch.

Often used for horizontal block assemblies and for pulling applications when the winding ratio can be smaller than 22.

The flanges are re-inforced by fitting sheaves ; these are separated by intermediate flanges and fitted on a tempered and quenched axle.

This is the essential tool for tiffors and other pulling equipments

Other models and dimensions on request

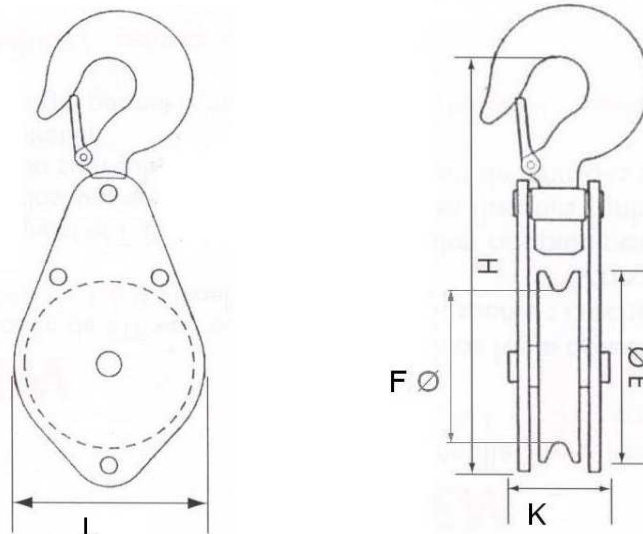


Dimensional characteristics

reference	Group code	WLL* in t	wire-rope Ø min/max	sheave	ext Ø	Flange	Hook bowl to	Overall	weight in kg
					sheave	width	top	thickness	
					E	L	H	K	
F003M	82289	1,25	7/8	2	100	106	317	80	5
F013M	82329	3,2	10/11,5	2	160	170	468	125	12,5
F023M	82369	5	13/15	2	200	210	532	135	18
F073M	82449	5	10/11,5	3	160	170	471	135	16

* Work Load Limit

dimensions in mm



Technical characteristics

- Ultimate load is 4 times the working load limit (WLL).
- Zinc bichromated coating.

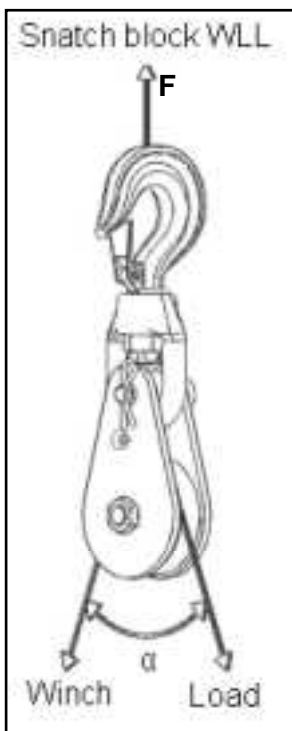
Non-conform uses

- NEVER USE FOR PERSONNEL LIFTING.
- Always use suitable rope (size, length and capacity)
- Strictly forbidden to either be under or to walk under the load.
- The block should be regularly inspected (priority checking: parts correctly assembled, no excessive movement, no excessive wearing or corrosion, no deformation, no weld corrosion or cracking, free rotating sheave).
- Prior to using the block, check for proper position and locking of the snatch block.
- Never use a block with a hook as top anchor point without ensuring that the safety latch is correctly operated and free from deformation.
- For lifting operations, the user must refer to the safety rules and regulations applicable to this issue.
- The operator should never release the rope when a load is suspended or leave a suspended load unsupervised.
- Never install a Charlet return pulley as a hook block on lifting equipments (crane, hoist, ...).

Calculation of loading of a snatch blocks

The maximum Working Load Limit (WLL) written on the side of the block is the maximum load that should be exerted on the block and its connecting fitting.

This total load value F varies with the angle (α) between the incoming and departing lines to the block. The following table indicates the factor to be multiplied by the line pull to obtain the total load F on the block.



Angle α	Effort applied on suspension "F"
0°	winch WLL x 2
15°	winch WLL x 1,98
30°	winch WLL x 1,95
45°	winch WLL x 1,85
60°	winch WLL x 1,73
90°	winch WLL x 1,41
120°	winch WLL x 1
150°	winch WLL x 0,52
180°	winch WLL x 0

Always ensure :

F < pulley WLL

F < anchoring point resistance.