

Hoisting System Components

These hoisting system components are designed for heavy-duty lifting applications. The components include traveling blocks, hooks, and elevator links.



Overview

High-Performance Hoisting Solutions

These hoisting system components are engineered for demanding petroleum prospecting and heavy-duty lifting environments. Utilizing advanced forging techniques and high-strength, heat-treated alloy steel, the system ensures durability and safety under extreme loads. The product line includes a full series of integrated traveling blocks, hooks, and elevator links, all of which undergo rigorous inspection and testing to meet professional operational standards.

Material & Construction

Heat-treated Alloy Steel, High-strength Forging, Rigorous Quality Inspection

Traveling Blocks

Technical Parameters of Traveling Blocks

Model		YC170	YC225	YC315	YC365	YC450	YC675	YC900	
Max. Static Load	kN lb	1,700 375,000	2,250 500,000	3,150 700,000	3,650 800,000	4,500 1,000,000	6,750 1,500,000	9,000 2,000,000	
Sheave Qty		5	5	6	4	6	7	7	
Sheave OD	mm in	915 36	1,120 44	1,270 50	1,524 60	1,524 60	1,524 60	1,830 72	
Wire Line Diameter	mm in	29 1 1/8	32 1 1/4	32.35 1 1/4, 1 3/8	38 1 1/2	35.38 1 3/8, 1 1/2	45 1 3/4	52 2	
Overall Dimension	L	mm in	2,000 79	2,294 90	2,580 102	2,899 106	3,075 121	3,010 119	3,740 147
	W	mm in	1,004 40	1,190 47	1,350 53	1,600 63	1,600 63	1,605 63	1,920 76
Weight	H	mm in	630 25	630 25	800 32	987 39	800 32	980 39	1,280 50
		kg lb	2,790 6,151	3,805 8,389	5,648 12,452	7,782 17,156	8,135 17,934	9,738 21,468	18,225 40,179

Traveling Block technical specifications and load data.

Traveling Blocks Specifications

Model	Max Static Load (kN)	Sheave Qty	Sheave OD (mm)	Weight (kg)
YC170	1700	5	915	2790
YC225	2250	5	1120	3805
YC315	3150	6	1270	5648
YC365	3650	4	1524	7782
YC450	4500	6	1524	8135
YC675	6750	7	1524	9738
YC900	9000	7	1830	18225

Hooks

Technical Parameters of Hooks

Model		DG225	DG315	DG450	DG675	DG900	
Max. Hook Load	kN	2,250	3,150	4,500	6,750	9,000	
	lb	500,000	700,000	1,000,000	1,500,000	2,000,000	
Opening Size of Main Hook	mm	190	220	220	240	385	
	in	7	9	9	9	15	
Spring Working Stroke	mm	180	200	200	200	200	
	in	7	8	8	8	8	
Overall Dimension	L	mm	2,545	2,953	2,953	3,541	4,710
		in	100	116	116	139	185
	W	mm	780	890	890	1,075	1,300
		in	31	35	35	42	51
	H	mm	750	830	880	1,110	1,330
		in	30	33	35	44	52
Weight	kg	2,190	3,420	3,496	5,341	12,100	
	lb	4,828	7,540	7,707	11,775	26,676	

Hook model specifications and operational stroke data.

Hook Specifications

Model	Max Hook Load (kN)	Main Hook Opening (mm)	Spring Stroke (mm)	Weight (kg)
DG225	2250	190	180	2190
DG315	3150	220	200	3420
DG450	4500	220	200	3496
DG675	6750	240	200	5341
DG900	9000	385	200	12100

Elevator Links

Technical Parameters of Elevator Links

Model		DH150	DH250	DH350	DH500	DH750
Rated Load for one pair of link	kN	135	225	315	450	675
	lb	300,000	500,000	700,000	1,000,000	1,500,000
Length	mm	1,800	2,700	3,300	3,660	4,572
	in	71	106	130	144	180
Weight Per for each pair	kg	118	300	462	690	1,270
	lb	257	655	1,006	1,503	2,800

Elevator link technical parameters and weight specifications.

Elevator Links Specifications

Model	Rated Load (kN)	Length (mm)	Weight/Pair (kg)
DH150	135	1800	118
DH250	225	2700	300
DH350	315	3300	462
DH500	450	3660	690
DH750	675	4572	1270