

Crown and Traveling Blocks

Emsco blocks have load capacities based on API ratings. They are sturdy, easy to reeve, and designed to balance.

Construction Features

Sheaves are fabricated including a forge-rolled rim. Sheave grooves are flame hardened to obtain maximum wear resistance and to resist deformation. Sheaves are mounted on tapered roller bearings which handle axial thrust loads as well as radial loads so that there is no need for separate thrust bearings, thrust washers or thrust plates.

Reversible Lubrication Cartridge

This cartridge can be inserted from either side, so block can be reversed and yet lubrication fittings remain accessible from working platform in each case.

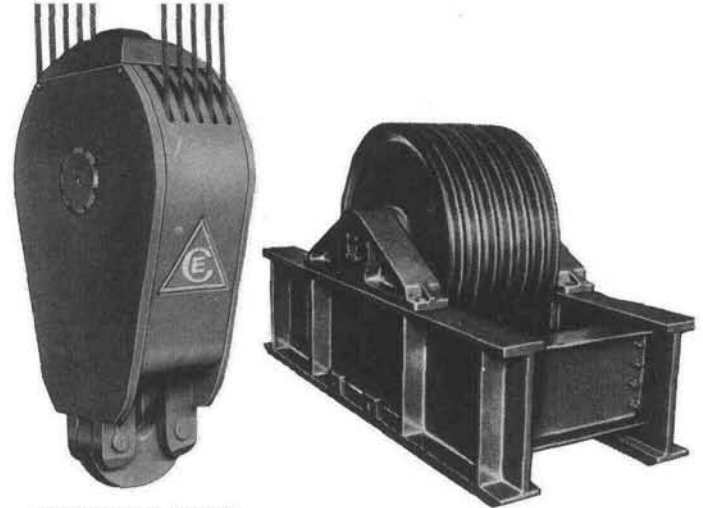
TRAVELING BLOCKS

Identical Design

All sizes of these blocks are identical in construction. Each has the same performance characteristics and mechanical features, making them easier to use and maintain by drilling crews and shop personnel.

Top Rubber Bumper Assembly

A resilient rubber bumper is provided as a part of the top clevis assembly on all Emsco Traveling Blocks. This helps to protect against shock loads and damage to crown sheaves in the event accidental contact is made.



CROWN BLOCKS

Crown blocks are available to match the RA-52 and RA-60 traveling blocks.

ACCESSORIES

A Type "C" Catline Sheave Attachment is included as a standard accessory with a crown block. Other optional crown block accessories available are: Type "D" and "DS" (swiveling) roller bearing equipped sandline sheave attachments, and the Type "B" roller bearing equipped catline sheave attachment.

Specifications: RA Series Traveling Blocks

Designation	RA-36-5-250TB		RA-44-5-350TB		RA-52-6-500TB		RA-60-6-650TB		RA-60-7-750TB		RA-60-8-750TB		RA-60-8-875TB		RA-60-8-1000TB	
	ton	tonne														
API Working-Load Strength Rating	250	227	350	317	500	454	650	590	750	680	750	680	875	794	1000	908
No. of Sheaves	5	5	5	5	6	6	6	6	7	7	8	8	8	8	8	8
Sheave Diameter	in	mm	36	914	44	1118	52	1321	60	1524	60	1524	60	1524	60	1524
Center Pin Diameter	in	mm	6½	165	8	203	10	254	12	305	12	305	15	381	15	381
Bearing Outer Race-OD	in	mm	8½	225	10½	276	13-11/16	348	15½	394	15½	394	20	508	20	508
Side Plates-Thickness	in	mm	2½	64	3	76	3	76	3	76	3	76	3	76	3	76
Length Inside of Lower Clevis to Top of Block	in	mm	67½	1714	79¼	2026	92	2337	103-3/16	2621	110¼	2797	110¼	2797	112¼	2848
Length-Overall	in	mm	77	1966	90¼	2305	104	2642	118-3/16	3002	127-1/3	3229	127-1/3	3229	130¼	3318
Width-Overall	in	mm	25¼	641	26¼	667	32½	825	34	864	38¼	971	42.5	1080	52½	1334
Face-Overall	in	mm	40	1016	48	1219	56	1422	64	1626	64	1626	64	1626	64	1626
Weight (approx.) incl. Lower Clevis Less Optional Inserts	lb.	kg	6129	2780	8456	3836	13,250	6010	19,158	8690	22,871	10,374	22,871	10,374	30,658	13,906
Weight with optional inserts which may be added at time of order	lb.	kg	8,535	3820	11,650	5285	16,765	7605								

Specifications: RA Series Crown Blocks

Designation	RA-44-6-350CB		RA-52-7-500CB		RA-60-7-650CB		RA-60-8-750CB	
	ton	tonne						
API Working-Load Strength Rating	350	317	500	454	650	590	250	680
No. of Sheaves	6	6	7	7	7	7	8	8
Sheave Diameter	in	mm	44	1118	52	1321	60	1524
Center Pin Diameter	in	mm	8	203	10	254	12	305
Bearing Outer Race-OD	in	mm	10½	276	13-11/16	348	15½	394
Base-Main Beams (FAB)	in	mm	22¼	565	27½	699	30	762
Length-Overall	in	mm	90	2286	114	2896	114	2896
Width-Overall	in	mm	38¾	987	44½	1130	50	1270
Height-Overall	in	mm	50¾	1292	61¼	1568	70¼	1797
Weight-(approx.)	lb.	kg	6169	2798	12,182	5526	14,090	6391
								17,600
								7983

NOTE: RA-60-9-875CB 875 ton rated crown block offered on firm order only.