

# CF SERIES

## The simple solution for hard work.

The CF exemplifies simplicity in design while making zero compromises on performance. Its die cast aluminum body reduces the hoist weight and won't corrode when exposed to the elements. Plus, the proven 1:1 ratio gear system makes it a fast hoist that's reliable and maintenance friendly. The CF is simply the best choice when you need an economical hoist that doesn't skimp on toughness.

### Lightweight Die-Cast Aluminum Housing

The CF hand chain hoist offers a rugged die-cast aluminum body which provides exceptional strength and durability.

### Reliable Weston-Style Load Brake

The Weston-Style Load Brake is one of the most important inventions in the hoisting industry. With two moisture-resistant brake pads and four braking surfaces, the CF gives you positive stopping action.

### Smooth Running Pre-Lubricated Bearings

Manual effort is minimized thanks to the CF's smooth running, pre-lubricated ball bearings. Get a longer-lasting, smoother operating hoist with precision-machined drive train components that make lifting easy.

### Fewer Parts Means Simpler Maintenance

Engineered with fewer parts for simplified maintenance, the CF hand chain hoist makes it easy for you to inspect and clean, and keep on lifting.

### Heat-Treated Main Pinion Shaft

Tackle tough demands with a hoist that's built with high-strength, heat-treated parts. The main pinion shaft and load gear on the CF are engineered for non-stop performance.



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## CAPACITY

- ½ to 3 metric tonnes

## STANDARDS

- ASME B30.16 Safety Standard
- ASME HST-2 Performance Standard

## OPTIONS

- Nickel-plated chain for corrosive environments
- Lift lengths can be customized to suit requirements

## BODY

- Exceptional strength with a thick die-cast aluminum body
- Compact, lightweight and portable
- High-strength, heat-treated main pinion shaft and load gear

## HAND CHAIN

- Durable steel hand chain

## LOAD CHAIN

- Heat-treated alloy steel
- Grade 100
- High-impact steel chain guide
- Standard Lift: 8 feet

## HOOKS

- Forged, heat treated carbon steel hooks open gradually under excessive load
- Self-closing top and bottom hooks with heavy-duty hook latch

## OPERATION

- Hand chain operated
- Low hand-pull force for easy operation

## GEARS

- Single reduction gearing provides fast load hook travel
- Induction heat-treated and case-hardened
- Enclosed to protect from dust and water

## BEARINGS

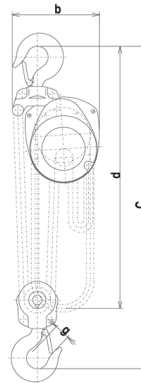
- Smooth running, pre-lubricated ball bearings, and precision-machined drive train components
- Maintenance-free sealed bearings

## BRAKE

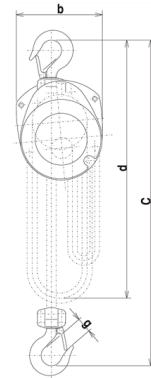
- Weston-style load brake incorporating two moisture-resistant brake pads with four braking surfaces
- Enclosed to protect from dust, rain and dirt

## OPERATING CONDITIONS

- Recommended for -40° to +60° C



2 and 3 Metric Tonne



1/2 and 1 1/2 Metric Tonne

### DIMENSIONS

Capacity (tonne)	Model	C	b	d	g
1/2	CF005	325	150	2.5	27
1	CF010	370	174	2.5	27
1 1/2	CF015	440	203	2.5	34
2	CF020	540	204	3	36
3	CF030	590	240	3	42.5

### SPECIFICATIONS

Capacity (tonne)	Model	Standard Lift (ft)	Hand Pull to Lift Full Load (kg)	Chain Pulled to Lift One Meter (m)	Hook Mount Headroom (in)	Load Chain Code	Load Chain Falls	Hand Chain Code	Hand Chain Falls	Ship Weight (lbs)	Weight per Additional 5ft of Lift (lbs)
1/2	CF005	8	30	19	13	KCF050	1	KHCF050	2	22	5
1	CF010	8	36	31	14.5	KCF063	1	KHCF050	2	31	6
1 1/2	CF015	8	42	41	17.5	KCF071	1	KHCF050	2	42	7
2	CF020	10	40	63	20	KCF063	2	KHCF050	2	51	9
3	CF030	10	46	81	23	KCF071	2	KHCF050	2	60	11