

RCB

Spark-Resistant ATEX Hand Chain Hoist

½ to 3 metric tonne capacities

Lift safer in environments with combustible gases, vapors, and dusts. Kito's RCB Series Spark-Resistant Hand Chain Hoist is perfect for petroleum, gas, pharmaceutical, and food industries – or any environment where safety is improved by the use of anti-sparking equipment.



FEATURES

- » Safety improved by modifications to industry leading steel-body M3CB hand chain hoist
 - Uses oversize hoist bodies (ie. 1t RCB uses 1.5t M3CB hoist body)
 - Copper plated bottom hook
 - Nickel-plated load chain
 - Stainless-steel hand chain
 - Solid bronze trolley wheels up to 2t models
 - Bronze plated trolley wheels on 3t model
- » Conforms to ATEX directive 94/9/EC
 - Specification: EX II 2G c IIB T4 and EX II 2D c T135
 - Operate safely up to 135°C

EX II 2G c IIB T4
EX II 2D c T135°C

Ex-protected equipment

Device group

II = Above ground operation
2 = Device category

Ex-Atmosphere

G = Gases, vapors
D = Dusts

c = Constructive safety

Danger class gasses

Temperature Class
T4 = max. 135°C



STANDARDS

- » ATEX 94/9/EC Safety Standard
 - EX II 2G c IIB T4
 - EX II 2D c T135
- » ASME B30.16 Safety Standard
- » ASME HST-2 Performance Standard
- » 125% of rated capacity test load
- » Grade 100 Chain

OPTIONS

- » Custom lift lengths to suit your requirements
- » Plain or Geared trolley mount for improved load control



GEARED TROLLEY



PLAIN TROLLEY

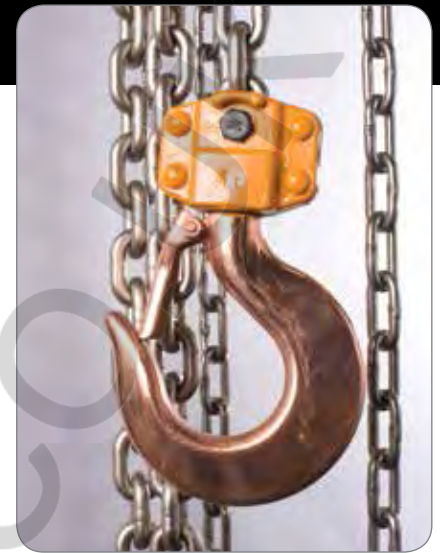
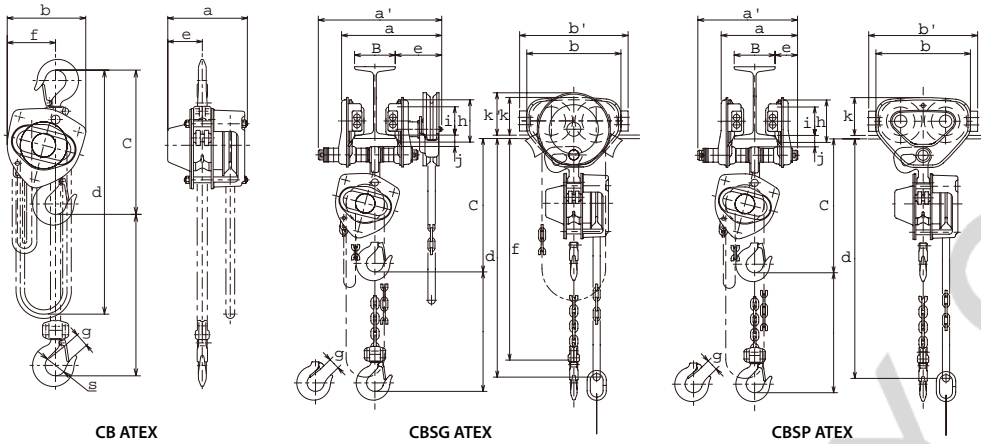
KITO

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All specifications, dimensions and drawings are available at www.kito.ca, or call our Customer Service staff for friendly and expert advice on models and options.

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RCB 1/2 to 3 metric tonne capacities



COPPER RELATED BOTTOM HOOK

DIMENSIONS (mm)

Capacity (tonne)	Model	C	a	a'	b	b'	d	e	f	g	h	i	j	k	k'	s
1/2	RCB005	295	162	----	161	----	2.5	71	99	29	----	----	----	----	----	42.5
1	RCB010	350	171	----	182	----	2.5	78	112	34	----	----	----	----	----	47.5
2	RCB020	510	171	----	235	----	3.1	78	162	42.5	----	----	----	----	----	56
3	RCB030	600	192	----	282	----	3.6	91	194	46.5	----	----	----	----	----	63
1/2	RCBSP005	305	215	249	236	272	2500	56	2200	29	106	71	28	95	106	----
1	RCBSP010	365	218	300	280	316	2500	69	2200	34	127	85	34	112	109	----
2	RCBSP020	535	280	320	324	374	3100	79	2700	42.5	148	100	36	134	114	----
3	RCBSP030	660	273	297	400	450	3600	53	3200	46.5	169	118	47	144	131	----
1/2	RCBSG005	305	275	309	236	272	2500	116	2200	29	106	71	28	95	106	----
1	RCBSG010	365	349	385	280	316	2500	154	2200	34	127	85	34	112	109	----
2	RCBSG020	535	359	398	324	374	3100	157	2700	42.5	148	100	36	134	114	----
3	RCBSG030	660	377	401	400	450	3600	156	3200	46.5	169	118	47	144	131	----

SPECIFICATIONS

Capacity (tonne)	Model	Standard Lift (ft)	Hand Pull to Lift Full Load (kg)	Chain Pulled to Lift Load one meter (meters)	Headroom (in)			Load Chain Code	Load Chain Falls	Hand Chain Code	Hand Chain Falls	Ship Weight (lbs)	Weight per Additional 5 ft of Lift (lbs)
					Hook Mount Only	Plain Trolley Mount	Geared Trolley Mount						
1/2	RCB005	8	29	43	11.75	12	12	KCF063-NP	1	KHCF050-SS	2	27	6
1	RCB010	8	35	57	13.75	14	14	KCF071-NP	1	KHCF050-SS	2	33	7
2	RCB020	10	36	114	20	21	21	KCF071-NP	2	KHCF050-SS	2	58	11
3	RCB030	10	34	198	23.75	24	24	KCB3090-NP	2	KHCF050-SS	2	95	15



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