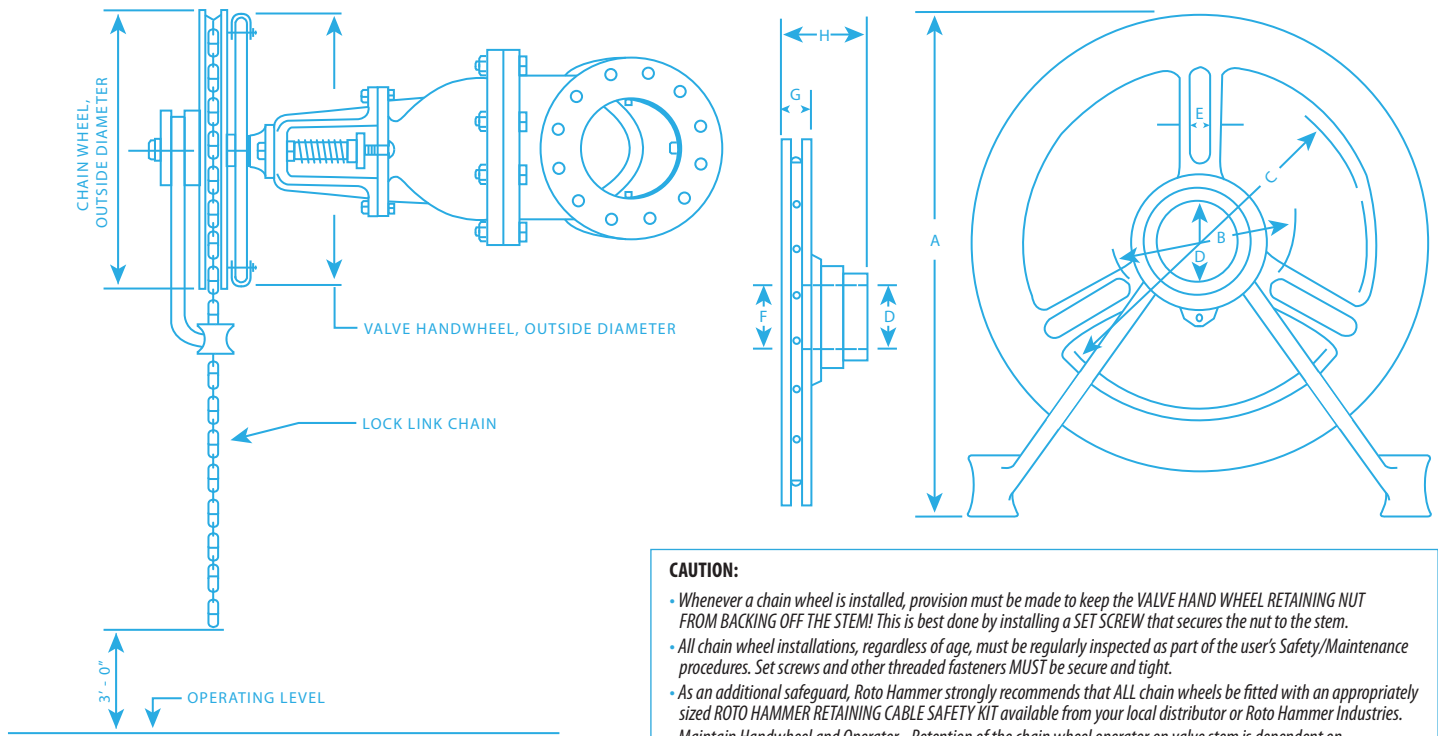


CL Series *Clamp-On* - TECHNICAL DATA



CAUTION:

- Whenever a chain wheel is installed, provision must be made to keep the VALVE HAND WHEEL RETAINING NUT FROM BACKING OFF THE STEM! This is best done by installing a SET SCREW that secures the nut to the stem.
- All chain wheel installations, regardless of age, must be regularly inspected as part of the user's Safety/Maintenance procedures. Set screws and other threaded fasteners MUST be secure and tight.
- As an additional safeguard, Roto Hammer strongly recommends that ALL chain wheels be fitted with an appropriately sized ROTO HAMMER RETAINING CABLE SAFETY KIT available from your local distributor or Roto Hammer Industries.
- Maintain Handwheel and Operator - Retention of the chain wheel operator on valve stem is dependent on the handwheel remaining on the valve stem. The handwheel retaining nut MUST be secured with a set screw.

CHAIN WHEEL DIMENSIONAL DATA

SPROCKET SIZE	CL-4	CL-6	CL-7.5	CL-9	CL-12	CL-15	CL-18	CL-21	CL-24
A - OVERALL HEIGHT	5.190	7.370	8.750	9.750	12.250	15.620	18.750	21.750	24.380
B - INNER SLOT DIAMETER	1.270	2.250	3.000	3.810	5.360	8.120	11.130	9.51	10.620
C - OUTER SLOT DIAMETER	2.270	4.000	5.500	6.310	9.560	13.120	16.130	18.130	22.620
D - HUB OPENING	0.440	1.000	1.000	2.310	2.690	2.690	3.500	3.500	3.500
E - SLOT WIDTH	0.219	0.344	0.344	0.344	0.406	0.406	0.406	0.540	0.540
F - REAR OPENING	0.620	1.560	1.560	3.060	3.810	3.810	4.860	4.880	4.880
G - RIM THICKNESS	0.937	1.190	1.190	1.190	1.190	1.500	1.500	1.560	1.560
H - OVERALL DEPTH	2.000	3.120	2.620	3.120	3.310	3.310	3.380	3.500	3.500

CHAIN OPERATOR SELECTION

HAND WHEEL OUTSIDE DIAMETER	CHAIN OPERATOR	CHAIN WHEEL OUTSIDE DIAMETER	CHAIN SIZE REQUIRED	ROTO LINK REQUIRED	SAFETY CABLE REQUIRED
2" TO 4"	CL-4	4"	#2	RL#2	RCK 3/16
4-1/4" TO 5-3/4"	CL-6	6"	#2	RL#2	
6" TO 7-1/2"	CL-7.5	7.5"	1/0	RL 1/0	
7-3/4" TO 9"	CL-9	8-3/4"	1/0	RL 1/0	
9-1/4" TO 12-1/2"	CL-12	12-1/2"	1/0	RL 1/0	
12-3/4" TO 15-1/2"	CL-15	15-1/2"	4/0	RL 4/0	RCK 1/4
15-3/4" TO 19"	CL-18	18-3/4"	4/0	RL 4/0	
19-1/4" TO 22"	CL-21	21-1/2"	5/0	RL 5/0	
22-1/4" TO 26"	CL-24	26"	5/0	RL 5/0	





RCK Safety Cable Kit

RCK 3/16

Models:

CL-Series:

CL4, CL6, CL7.5,
CL9, CL12, CL15

C-Series:

C9, C12

E-Series:

E6AL, E9, E9AL,
E12, E12AL

M-Series:

M9, M12



Each Kit Contains:

One (1) 5-ft. length of 3/16" Stainless Steel (SS) Cable. Seated ends prevent unwinding and ease in threading.

Four (4) 3/16" Stainless Steel (SS) Cable Grip Clips. Two for each end of the cable.

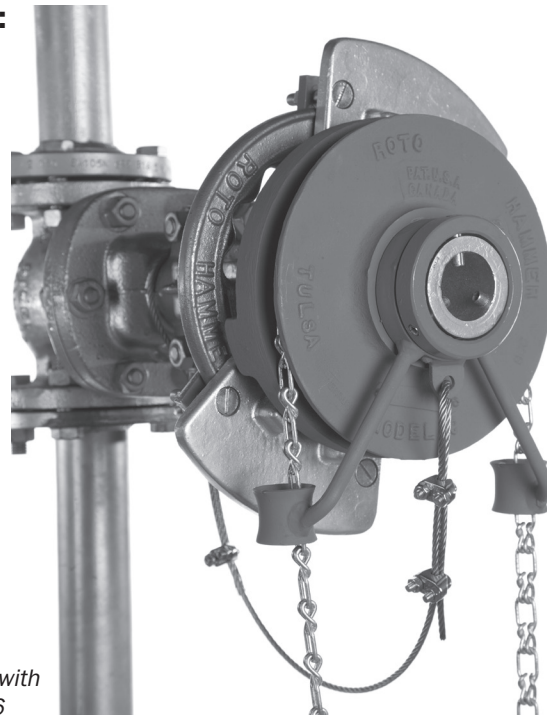
Procedure:

- ① Place two cable clips loosely on one end of the cable. Thread that end through the valve yoke or some other secure anchoring point. Make a loop, bringing the end back through the two clips. Move the clips up close to the anchor point and, using a common open-end wrench firmly tighten all four nuts on the clips.
- ② Slide one end of cable through the eye in the chain wheel lifting lug. Snug the loop closely to the lug and position the clips to hold it in place.
- ③ Check cable clip nuts to make sure all eight nuts are wrench tight. The Retaining Cable is now properly installed.

Caution:

- ① Whenever a chain wheel is installed, provision must be made to KEEP THE VALVE HANDWHEEL RETAINING NUT FROM BACKING OFF THE STEM. This is best done by installing a SET SCREW that secures the nut to the stem.
- ② All chain wheel installations, regardless of age, must be regularly inspected as part of the user's Safety/Maintenance procedures. Set screws and other threaded fasteners MUST be secure and tight.

Completed Assembly:



M Series with
RCK 3/16