

APPLICATION

For handwheel-operated valves installed in difficult-to-access locations. Clamp-on chain sprocket can be fitted over the handwheel in minutes. An easy, safe and cost-effective way of operating valves standing on ground level.

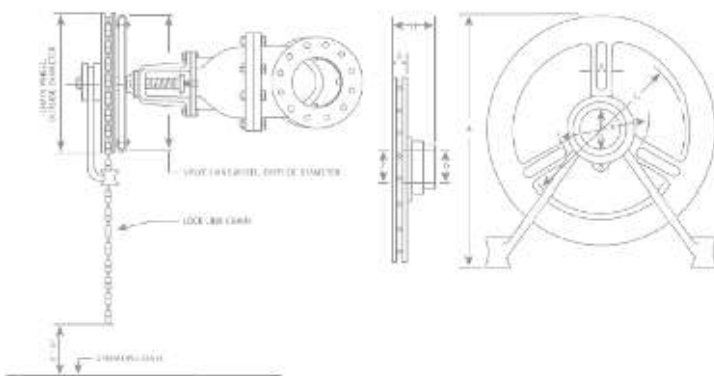
SPECIFICATION

Size Range:	For handwheel diameter sizes from 2" to 40"
Components:	Sprocket wheel, chain guide, set collar, zinc-plated hardware
Material:	Ductile Iron or galvanised

PRODUCT CODES AND SELECTIONS

Handwheel outside Ø	Chain Operator	Chainwheel outside Ø	Chain size required	Roto link required	Safety cable required
50.8 - 101.6 (2 - 4)	CL-4	101.6 (4)	#2	RL#2	RCK 3/16
107.95 - 146.05 (4.25 - 5.75)	CL-6	152.4 (6)	#2	RL#2	
152.4 - 190.5 (6 - 7.5)	CL-7.5	190.5 (7.5)	1/0	RL 1/0	
196.85 - 228.6 (7.75 - 9)	CL-9	222.25 (8.75)	1/0	RL 1/0	
234.95 - 317.5 (9.25 - 12.5)	CL-12	317.5 (12.5)	1/0	RL 1/0	
323.85 - 393.7 (12.75 - 15.5)	CL-15	393.7 (15.5)	4/0	RL 4/0	
400.05 - 482.6 (15.75 - 19)	CL-18	476.25 (18.75)	4/0	RL 4/0	RCK 1/4
488.95 - 558.8 (19.25 - 22)	CL-21	546.1 (21.5)	5/0	RL 5/0	
565.15 - 660.4 (22.25 - 26)	CL-24	660.4 (26)	5/0	RL 5/0	

DIMENSIONAL DATA



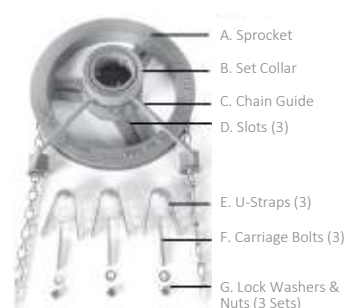
Sprocket size (mm)	CL-4	CL-6	CL-7.5	CL-9	CL-12	CL-15	CL-18	CL-21	CL-24
A overall height	131.83	187.20	222.25	247.65	311.15	396.75	476.25	552.45	619.25
B inner slot Ø	32.26	57.15	76.2	96.77	136.14	206.25	282.70	241.55	269.75
C outer slot Ø	57.66	101.6	139.7	160.27	242.82	333.25	409.70	460.50	574.55
D hub opening	11.18	25.4	25.4	58.67	68.33	68.33	88.9	88.9	88.9
E slot width	5.56	8.74	8.74	8.74	10.312	10.31	10.31	13.72	13.72
F rear opening	15.75	39.62	39.62	77.72	96.77	96.77	123.44	123.95	123.95
G rim thickness	23.8	30.23	30.23	30.23	30.23	38.1	38.1	39.62	39.62
H overall depth	50.8	79.25	66.55	79.25	84.07	84.07	85.85	88.9	88.9



INSTALLATION INSTRUCTION

For models CL6—CL24

Parts



Completed Assembly



Procedure:

1. Place U-Strap (E) over rim of valve handwheel. Open side of U-Strap should face the center of the chain wheel.
2. Place Sprocket (A) against front of handwheel. Align one Slot (D) with holes in U-Strap and inset Bolt (F) through both the slot and holes in the strap.
3. Attach Lock Washer & Nut (G) and hand tighten.
4. Repeat procedures 1, 2 and 3 on each of the two remaining straps.
5. Center the Sprocket and tighten all nuts securely.

Caution:

To prevent the handwheel from backing off the stem, the Handwheel Retaining Nut **MUST** be secured with a Set Screw. In addition, it is strongly recommended that an appropriately sized Roto Hammer RCK Safety Cable Kit (optional) is installed on every overhead chain wheel operated valve. All chain wheel installations should be properly maintained and regularly inspected. Set screws and other threaded fasteners **MUST** be secure and tight.