

# **MODERN** HEAVY-DUTY GEARED LADLES

## SIX POWERFUL LADLE GEARINGS FOR POURING SERVICE

For the tilting and pouring of metal loads that range beyond the free, easy control of the lever shanks there are MODERN, highly developed gearings.

All six sizes of gearing are secured to the hub of the worm wheel shaft and to the bail frame in a manner that causes all the gearing weight to be transmitted into the bail frame and up to the Pouring Device, crane or hoist. The ladle bowl and shank ring are effectively relieved of the gearing weight.

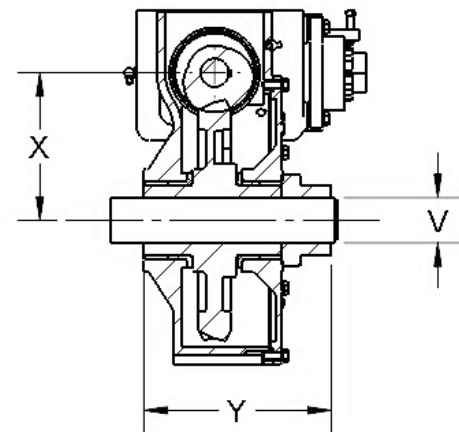
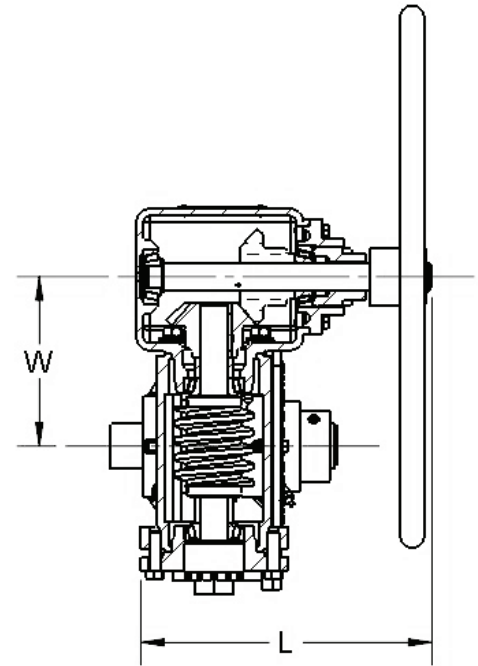
Trunnion housings, with their grease fittings, fully enclose the anti-friction bearings.

Gearings are fully enclosed in the gear housings.

Various sizes of hand wheels are available to reduce hand-wheel forces required by the operator. Motor drives are available for all of our gearing sizes.

External, bearing-take-up plugs for back lash adjustment. This feature is common to all gearings except Model A.





Type of Gearing	A	C	D	E	F	G
Standard Wheel Diameter, in Inches	18	24	28	36	36	48
Torque Value, Inch-Pounds	1,633	3,585	11,034	15,774	22,280	56,526
L – Over-All Length Gearing, Inches	10-7/8	12-5/8	18	19-1/2	21	21-1/2
V – Trunnion Stubs Diameter, Inches	1-5/8	2	2-3/16	2-15/16	3-1/2	4-3/4
W – Center Line Trunnion Center Line Handwheel Horizontal, Inches	5-3/4	7-1/2	9-1/4	10-1/4	11-3/4	16-1/4
X – Center Line Trunnion Center Line Handwheel Vertical, Inches	5	6-1/2	8	10	12-1/4	20-1/4
Y – Length Through Gearing, Inches	7-1/4	9	11	13	13-1/2	15-1/2

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