



**For the most demanding applications, indoors or outside . . . withstands dust, moisture, oil, grease, shock, and vibration**

Combines excellent performance with practically indestructible construction. The counter of choice where only the most durable can survive. Commonly used on construction equipment, cement mixers, paving equipment, stokers, agricultural machinery, and other applications in extremely hostile environments. Available in both ratchet and geared drives, the Series 1667/1669 features highly visible white-on-black figures, quick rotary-reset, rugged die cast case, and steel shaft.

- Unaffected by harsh application environments
- Die cast metal and steel external components
- 6 figures – large, easy-to-read numerals
- Oversized 0.3125 (7.9 mm) plated steel shaft
- Ratchet drive and geared drive models
- Geared drive available in 1:1 and 3:1 ratio
- Ratchet drive has positive stop and internal return spring
- Quick, rotary reset
- Long life – no lubrication required
- Shaft accepts standard measuring wheels

**Size of Figures:** 0.345" high by 0.25" wide (8.8 mm by 6.4 mm)

**Color of Figures:** White on black

**Reset:** Manual knob

**Drive Torque:** 1667: 4 lb-in. (45 N.cm); 1668: 3.5 lb-in. (40 N.cm); 1669: 1 oz-in (0.7 N.cm)

**Mounting:** Base

**Construction:** Case: Zamak; Base: Steel; Wheels, Pinions: Acetal resin; Shaft: Plated steel

**Net Weight:** 1 lb. 4 oz. (0.9 kg)

Model No.	Description	Rotation
166716-006	Ratchet drive, knob reset	
166916-004	Geared drive, knob reset, 1:1 ratio	1
166916-006	Geared drive, knob reset, 3:1 ratio	
166726-006	Ratchet drive, knob reset	2
166736-006	Ratchet drive, knob reset	
166736-014	Ratchet drive, lock and key reset	3
166936-005	Geared drive, knob reset, 1:1 ratio	
166746-006	Ratchet drive, knob reset	4
166946-005	Geared drive, knob reset, 1:1 ratio	

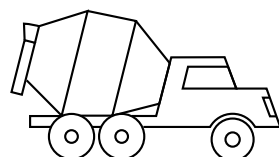
## SPECIFICATIONS

**Speed:** Ratchet: 500 cpm; Geared: 1500 rpm or 5000 cpm whichever is limiting

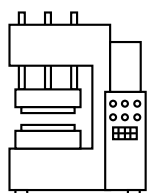
**Number of Figures:** 6

**Drive:** Ratchet Drive: Series 1667 adds one count for each drive shaft actuation, arc of 26° to 45° for rotations 1 and 3, arc of 42° to 67° for rotations 2 and 4, maximum travel limited internal lever return spring; Geared Drive: Series 1669 adds one count for specified number of drive shaft revolutions in specific rotation, will not subtract past zero on right hand wheel, standard gear ratio is 1:1 or 3:1

### Typical Applications:



Cement Truck



Punch Press

