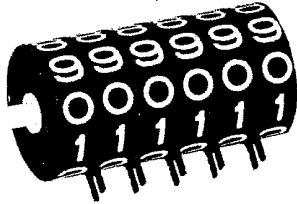




VEEDOMETER* SERIES 1771, 1955



DESCRIPTION

Internal pinion counters. Reset and nonreset models. Low cost, high dependability. Lightweight, low torque. Broad design flexibility for custom applications. Shaft can be fixed or rotating.

APPLICATIONS

Gas, water, or electricity meters. Elapsed time recorders and frequency indicators. Automotive mileage recorders.

MODELS

Series 1771—Nonreset. Standard direct drive adds 10 counts for each input revolution. Revolution drive adds one count for each input revolution, and has a blank right wheel. Available in two drive modes. First drive mode has a rotating shaft with the unit wheel fixed to the shaft by spline or knurl, all rotations. Second drive mode has a fixed shaft with unit wheel driven by an internal or external gear No. 3 or 4 rotation only. Both models subtract when driven in opposite direction. Nonstock, make items.

SPECIFICATIONS

Speed: Nonreset: 500 rpm. Reset: 250 rpm

Torque: Max static: nonreset 0.25 oz-in., reset 1 oz-in.

Number of Figures: Nonreset: 3 to 7 on direct drive, 2 to 6 on revolution drive. Reset with detent: 2 to 6

Size of Figures: 0.172 in. high by 0.172 in. wide on wheels 0.209 in. wide. Nonreset option only: 0.187 in. high by 0.125 in. wide on wheels 0.178 in. wide

Color of Figures: White on black. Specials optional

Character Configuration: 0 to 9. Specials optional

Reset: Shaft must be turned in counting direction to reset. Standard models have zero detent to hold shaft from turning during count and to indicate all zeros position at completion of reset

Operating Temperature: -40° to +180°F (-40° to 82°C)

Lubrication: Not required

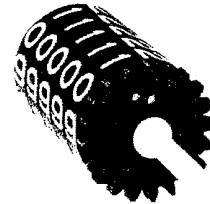
Construction: Wheels, pinions, partition plates, pawls, and shafts: acetal resin

Net Weight: 0.5 oz

OPTIONS

Wheel Colors. Shaft lengths. External or internal gear for fixed shaft. Mating gears. Wide or narrow wheels for nonreset model.

*Trademark of Veeder-Root

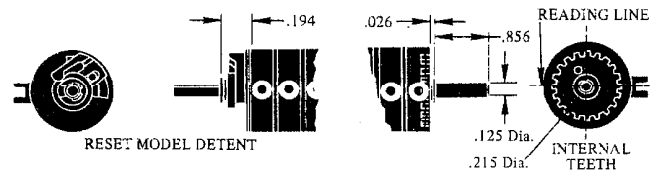
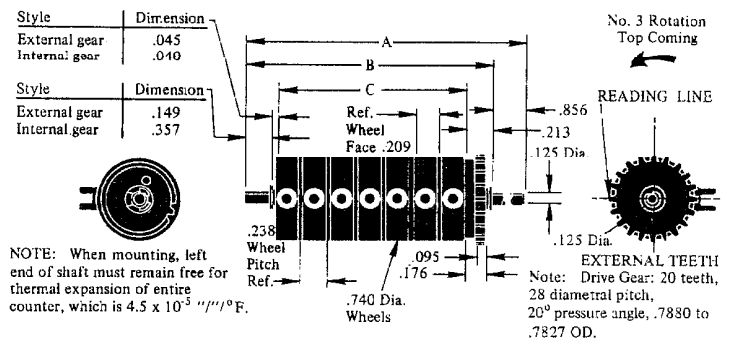


External Gear

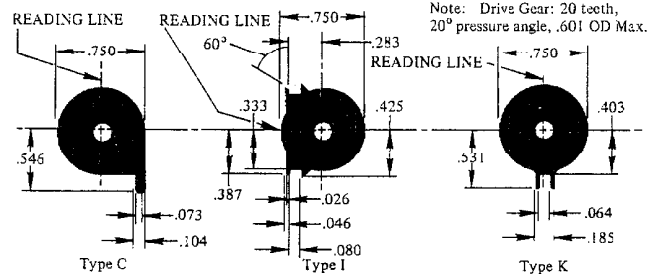


Internal Gear

DIMENSIONS



PARTITION PLATES



Other partition plates are available in stainless steel. Types C, K, and I are available in Acetal Resin.

No. of Wheels	A (Ref.)	B		C
		Non-Reset	Reset	
3	1.948	1.092	1.330	.685
4	2.186	1.330	1.568	9.23
5	2.424	1.568	1.806	1.161
6	2.662	1.806	2.044	1.399
7	2.900	2.044		1.637

Veeder-Root Sales Offices

United States and Canada

California

- 1049 Grand Central Avenue*
Glendale 91201
Tel: (213) 245-8421
(213) 241-8026
Telex 67-4392
1499 Bayshore Blvd.
Burlingame 94010
Tel: (415) 697-6830

Connecticut

- 70 Sargeant Street*
Hartford 06102
Tel: (203) 527-7201
Telex 9-9219

Georgia

47 Westwood Circle
Rome 30161
Tel: (404) 235-0756

Illinois

- 455 State Street
Des Plaines 60016
Tel: (312) 824-0188
Telex 72-6327

Maryland

Baltimore
Tel: (301) 296-2177

Michigan

19818 Mack Avenue
Detroit 48236
Tel: (313) 886-4485

Minnesota

2401 West 66th Street
Minneapolis 55423
Tel: (612) 866-4811
(612) 866-5805
Telex 029-690

New Jersey

- 1250 East Ridgewood Ave.
Ridgewood 07450
Tel: (201) 445-2401
Telex 13-3495

New York

- 1250 East Ridgewood Ave.
Ridgewood, N.J. 07450
Tel: (201) 445-2401
Telex 13-3495
3100 Monroe Ave.
Rochester 14618
Tel: (716) 244-0500

North Carolina**

2100 W. Broad, Rt. 87
Elizabethtown 28337
Tel: (919) 862-2511
Charlotte
Tel: (704) 364-3653

Ohio

5725 Dragon Way
Cincinnati 45227
Tel: (513) 271-6200
12417 Cedar Road
Cleveland 44106
Tel: (216) 462-2634

Pennsylvania

P.O. Box 560
Willow Grove 19090
Tel: (215) 887-0708

South Carolina

- P.O. Box 1845, 29602*
I-385 at Roper Mountain Rd.
Greenville 29607
Tel: (803) 288-2133
Telex 57-0422

Texas

4223 Richmond Ave.
Suite 218, Tracy Bldg.
Houston 77027
Tel: (713) 623-4806
Dallas
Tel: (214) 252-3360

Canada

- 26 Fieldway Road
Toronto M8Z 3L2
Tel: (416) 239-3094
Telex 02-2783
1495 McDonald Street
Suite 2
St. Laurent 379
Tel: (514) 747-1213

- Regional Office
- * Service and Repair
- ** Manufacturing Only

The Total Capability Company

VEEDER-ROOT

Digital Systems Division

Hartford, Conn. 06102 • (203) 527-7201 • A VEEDER INDUSTRIES COMPANY



VEEDER-ROOT WORLD WIDE: ARGENTINA: Buenos Aires • AUSTRALIA: Melbourne • BRAZIL: Sao Paulo
CANADA: Toronto • ENGLAND: Croydon, Surrey • SCOTLAND: Dundee • WEST GERMANY: Neuhausen/Filder