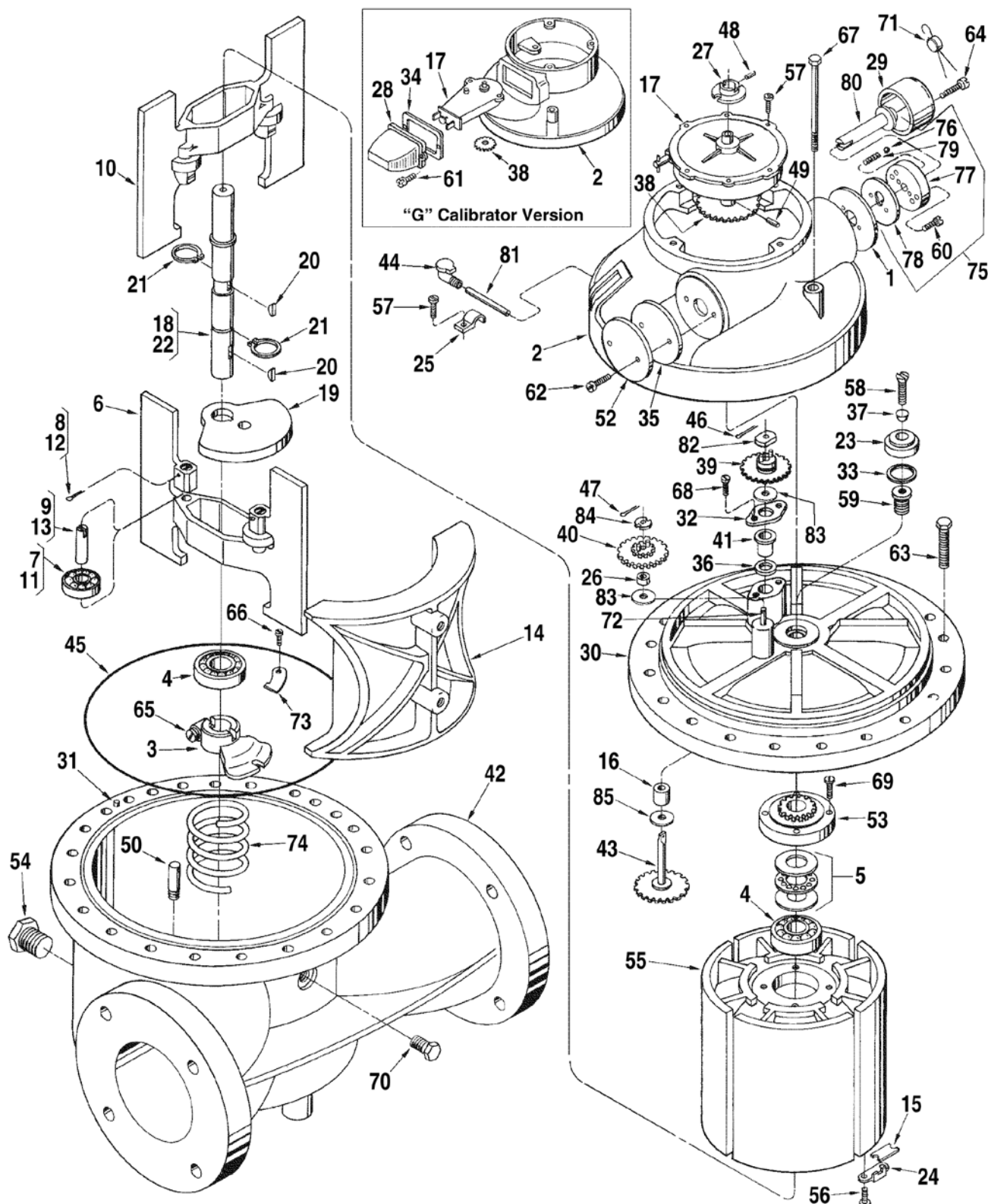




| Item | Description                                          | Qty. | SD or ASD-<br>3 or 3V-NF | SD or ASD-<br>3R or 3VR-NF |
|------|------------------------------------------------------|------|--------------------------|----------------------------|
| 1    | Adapter, Adjusting Stem .....                        | 1    | 512372-001               | .....                      |
| 2    | Adapter, Meter .....                                 | 1    | 535148-001               | 502862-001                 |
| 3    | Arm, Locating.....                                   | 1    | 505031-001               | 505031-001                 |
| 4    | + Bearing, Rotor.....                                | 2    | 003784-001               | 003784-001                 |
| 5    | + Bearing, Thrust .....                              | 1    | 009689-001               | 009689-001                 |
| 6    | Blade, Lower .....                                   | 1    | 535474-001               | 535474-001                 |
| 7    | + Bearing, Blade.....                                | 2    | 009815-400               | 009815-400                 |
| 8    | Pin, Cotter .....                                    | 2    | 006308-001               | 006308-001                 |
| 9    | Shaft, Bearing .....                                 | 2    | 003449-001               | 003449-001                 |
| 10   | Blade, Upper .....                                   | 1    | 535473-001               | 535473-001                 |
| 11   | + Bearing, Blade.....                                | 2    | 009815-400               | 009815-400                 |
| 12   | Pin, Cotter .....                                    | 2    | 006308-001               | 006308-001                 |
| 13   | Shaft, Bearing .....                                 | 2    | 003449-001               | 003449-001                 |
| 14   | Block .....                                          | 1    | 538400-001               | 538400-001                 |
| 15   | Block, Blade .....                                   | 4    | 010289-002               | 010289-002                 |
| 16   | + Bushing, Jackshaft.....                            | 1    | 504666-001               | 504666-001                 |
| 17   | + Calibrator:                                        |      |                          |                            |
|      | @1 Manual .....                                      | 1    | 512059-001               | .....                      |
|      | @1 Temperature Compensated (Standard) .....          | 1    | 512060-001               | .....                      |
|      | @1 @2 Temperature Compensated (Special Temp. or API) | 1    | 516130-xxx               | .....                      |
|      | @3 "G" Calibrator.....                               | 1    | .....                    | 501029-001                 |
| 18   | Cam and Shaft Assembly .....                         | 1    | 538398-001               | 538398-001                 |
| 19   | + Cam.....                                           | 1    | 538359-001               | 538359-001                 |
| 20   | Key, Woodruff .....                                  | 2    | 006041-002               | 006041-002                 |
| 21   | Ring, Retaining.....                                 | 2    | 640961-405               | 640961-405                 |
| 22   | Shaft, Rotor .....                                   | 1    | 502107-001               | 502107-001                 |
| 23   | Cap, Rotor Adjusting Screw.....                      | 1    | 013667-001               | 013667-001                 |
| 24   | Clamp, Blade Block.....                              | 4    | 010212-001               | 010212-001                 |
| 25   | Clamp, Oil Tube.....                                 | 1    | 003905-001               | .....                      |
| 26   | Collar .....                                         | 1    | 011327-001               | 011327-001                 |
| 27   | + Coupling, Drive .....                              | 1    | 072103-001               | 072103-001                 |
| 28   | Cover, Calibrator .....                              | 1    | .....                    | 014171-001                 |
| 29   | Cover, Knob .....                                    | 1    | 003553-001               | .....                      |
| 30   | Cover, Meter .....                                   | 1    | 535416-001               | 535416-091                 |
| 31   | Dowel.....                                           | 1    | 002372-001               | 002372-001                 |
| 32   | Flange, Packing Gland.....                           | 1    | 010171-001               | 010171-001                 |
| 33   | Gasket, Adjusting Screw Cap .....                    | 1    | 060341-001               | 060341-001                 |
| 34   | + Gasket, Calibrator Cover .....                     | 1    | .....                    | 014310-001                 |
| 35   | Gasket, Cover Plate .....                            | 1    | 003834-001               | .....                      |
| 36   | + Gasket, Packing Gland .....                        | 1    | 010173-001               | 010173-001                 |
| 37   | Gasket, Rotor Adjusting Screw .....                  | 1    | 013669-001               | 013669-001                 |
| 38   | + Gear, Calibrator Drive:                            |      |                          |                            |
|      | Gallons .....                                        | 1    | 515464-001               | 535535-001                 |
|      | Dekalitres .....                                     | 1    | 515491-001               | 536994-001                 |
| 39   | + Gear, Jackshaft Pinion.....                        | 1    | 505081-001               | 505081-001                 |
| 40   | + Gear, Idler:                                       |      |                          |                            |
|      | Gallons .....                                        | 1    | 515462-001               | 535533-001                 |
|      | Dekalitres .....                                     | 1    | 505084-001               | 536995-001                 |
| 41   | + Gland, Packing.....                                | 1    | 535160-001               | 535160-001                 |
| 42   | Housing:                                             |      |                          |                            |
|      | Straight-Through Flanged .....                       | 1    | 535414-001               | 535414-001                 |
|      | Angle Flanged .....                                  | 1    | 535415-001               | 535415-001                 |
|      | Straight-Through Victaulic .....                     | 1    | 535414-002               | 535414-002                 |
|      | Angle Victaulic.....                                 | 1    | 535415-002               | 535415-002                 |
| 43   | + Jackshaft and Gear.....                            | 1    | 535512-001               | 535512-001                 |
| 44   | Oiler .....                                          | 1    | 006588-001               | .....                      |
| 45   | + O-Ring, Cover .....                                | 1    | 641471-407               | 641471-407                 |

| Item | Description                                            | Qty. | SF or ASF Models | SG or ASG Models |
|------|--------------------------------------------------------|------|------------------|------------------|
| 46   | Pin, Cotter, Idler Gear Shaft, 1/16 x 1/2" .....       | 1    | 001095-401       | 001095-401       |
| 47   | Pin, Cotter, Jackshaft, 1/16 x 5/8" .....              | 1    | 641042-401       | 641042-401       |
| 48   | Pin, Groove, 5/64 x 1/2" .....                         | 1    | 006053-002       | 006053-002       |
| 49   | Pin, Groove, Drive Coupling, 1/16 x 5/8" .....         | 1    | 006028-002       | 006028-002       |
| 50   | Pin, Locating Arm .....                                | 1    | 503484-001       | 503484-001       |
| 51   | * Plate, Caution .....                                 | 1    | 006571-001       | 503059-001       |
| 52   | Plate, Cover .....                                     | 1    | 003440-002       | .....            |
| 53   | Plate, Rotor Gear .....                                | 1    | 535522-001       | 535522-001       |
| 54   | Plug, Pipe, 1/2" NPT .....                             | 1    | 640820-001       | 640820-001       |
| 55   | Rotor .....                                            | 1    | 535465-001       | 535465-001       |
| 56   | Screw, #10-32 x 5/8" .....                             | 8    | 065351-001       | 065351-001       |
| 57   | Screw, #6-32 x 5/16" .....                             | 2    | 006048-002       | .....            |
| 58   | Screw, 1/4-28 x 3/4" .....                             | 1    | 645916-401       | 645916-401       |
| 59   | Screw, Adjusting .....                                 | 1    | 013668-001       | 013668-001       |
| 60   | Screw, Base Plate, #10-32 x 5/8" .....                 | 2    | 008338-400       | .....            |
| 61   | Screw, Calibrator, 1/4-20 x 1/2", Drilled .....        | 4    | .....            | 006775-003       |
| 62   | Screw, Cover Plate, 10-32 x 3/8" .....                 | 2    | 006045-002       | .....            |
| 63   | Screw, Cover to Housing, 3/8-16 x 1-1/4" .....         | 20   | 002238-401       | 002238-401       |
| 64   | Screw, Knob Cover, #10-24 x 3/4", Drilled .....        | 2    | 006481-003       | .....            |
| 65   | Screw, Locating Arm, 5/16-18 x 1" .....                | 1    | 643668-405       | 643668-405       |
| 66   | Screw, Lock Spring, #4-40 x 1/4" .....                 | 2    | 065350-001       | 065350-001       |
| 67   | Screw, Meter Adapter:                                  |      |                  |                  |
|      | 5/16-18 x 3-3/4", Drilled .....                        | 2    | 006422-003       | .....            |
|      | 5/16-18 x 3-1/2", Drilled .....                        | 2    | .....            | 006421-003       |
| 68   | Screw, Packing Gland Flange, #10-32 x 1/2" .....       | 2    | 006764-002       | 006764-002       |
| 69   | Screw, Rotor Gear Plate, 1/4-20 x 3/4" .....           | 4    | 642017-406       | 642017-406       |
| 70   | Screw, Rotor to Housing, 7/16-14 x 1" .....            | 2    | 643165-401       | 643165-401       |
| 71   | + Seal, Wire and Lead .....                            | 2    | 001627-400       | 001627-400       |
| 72   | Shaft, Idler Gear .....                                | 1    | 004036-001       | 512077-001       |
| 73   | Spring, Lock .....                                     | 1    | 003745-001       | 003745-001       |
| 74   | Spring, Rotor .....                                    | 1    | 503311-002       | 503311-002       |
| 75   | Stem, Adjusting .....                                  | 1    | 009838-001       | .....            |
| 76   | Ball .....                                             | 2    | 006427-001       | .....            |
| 77   | Plate, Base .....                                      | 1    | 003552-001       | .....            |
| 78   | Plate, Retainer .....                                  | 1    | 003556-001       | .....            |
| 79   | Spring, Knob .....                                     | 2    | 003557-001       | .....            |
| 80   | Stem, Adjusting .....                                  | 1    | 003551-001       | .....            |
| 81   | Tube, Oil .....                                        | 1    | 514658-001       | .....            |
| 82   | + Washer, Drive .....                                  | 1    | 001125-001       | 001125-001       |
| 83   | + Washer, Frictionless, .500 OD x .193 ID x .010 Thick | 2    | 641985-401       | 641985-401       |
| 84   | Washer, Jackshaft Pinion .....                         | 1    | 003599-001       | 003599-001       |
| 85   | Washer, Thrust .....                                   | 1    | 002366-001       | 002366-001       |

+ Recommended stock.

R Indicates change since last revision.

@1 See Form No. P0206.\* for component parts.

@2 When ordering, include temperature range and specific API gravity.

@3 See Form No. P0204.\* for component parts.

\* Not illustrated.

Revisions included in P0540.03 Issue/Rev. 0.3 (6/11):  
Total Revision.

The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

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**Headquarters:**

500 North Sam Houston Parkway West, Suite 100, Houston, TX 77067 USA, Phone: +1 (281) 260 2190, Fax: +1 (281) 260 2191

***Measurement Products and Equipment:***

**Erie, PA USA** +1 (814) 898 5000

**Ellerbek, Germany** +49 (4101) 3040

**Barcelona, Spain** +34 (93) 201 0989

**Beijing, China** +86 (10) 6500 2251

**Buenos Aires, Argentina** +54 (11) 4312 4736

**Burnham, England** +44 (1628) 603205

**Dubai, United Arab Emirates** +971 (4) 883 0303

**Los Angeles, CA USA** +1 (310) 328 1236

**Melbourne, Australia** +61 (3) 9807 2818

**Moscow, Russia** +7 (495) 5648705

**Singapore**, +65 6861 3011

***Integrated Measurement Systems:***

**Corpus Christi, TX USA** +1 (361) 289 3400

**Kongsberg, Norway** +47 (32) 286700

**Dubai, United Arab Emirates** +971 (4) 883 0303

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