

| Item | Description | Qty. | Part Number |
|------|--|------|-------------|
| 1 | Body: | | |
| | Steel, 150# | 1 | 528705-001 |
| | Steel, 300# | 1 | 528801-001 |
| 2 | Bracket: | | |
| | Solenoids with Junction Box..... | 1 | 528452-001 |
| | * Required with Optional Pilots | 1 | 528453-001 |
| 3 | Cover, Steel..... | 1 | 528765-004 |
| 4 | †Bearing | 1 | 529675-004 |
| 5 | + Diaphragm: | | |
| | Buna-N | 1 | 507400-001 |
| | Low Swell Buna | 1 | 507400-009 |
| | Viton-A..... | 1 | 507400-002 |
| 6 | Junction Box Kit..... | 1 | 528497-002 |
| 7 | Junction Box..... | 1 | 528454-001 |
| 8 | Nipple, 1/2" x 2-1/2"..... | 1 | 002522-400 |
| 9 | Nipple, 1/2" x 3-1/2"..... | 1 | 004605-400 |
| 10 | Nut, 5/16"-18, UNC-2B..... | 2 | 002876-400 |
| 11 | Nut, Stem, 7/8"-14, UNF-2B..... | 1 | 643756-403 |
| 12 | Nut, Stud, 5/8"-11, UNC-2B | 14 | 006309-400 |
| 13 | + O-Ring, Diaphragm: | | |
| | Buna-N | 3 | 640887-009 |
| | Viton | 3 | 640798-420 |
| 14 | + O-Ring, Retainer: | | |
| | Low Swell Buna..... | 1 | 507573-008 |
| | Viton | 1 | 507573-003 |
| 15 | + O-Ring, Seat: | | |
| | Buna-N | 1 | 641136-403 |
| | Viton | 1 | 643313-401 |
| 16 | Plate, Backup | 2 | 528847-001 |
| 17 | Plug, Pipe, 1/8" NPT..... | 3 | 644522-401 |
| 18 | Plug, Pipe, 3/4" NPT..... | 3 | 006878-002 |
| 19 | Plug, Pipe, 1/2" NPT..... | 2 | 006505-002 |
| 20 | Retainer, O-Ring, Ductile Iron | 1 | 524174-004 |
| 21 | Seal, Lead and Wire..... | 2 | 001627-400 |
| 22 | @2 Seat, Stainless Steel | 1 | 528380-101 |
| 23 | †Bearing, Ni-Resist | 1 | 529675-004 |
| 24 | Shell | 2 | 643706-401 |
| 25 | Spacer, Steel..... | 1 | 528845-001 |
| 26 | Spring | 1 | 525355-001 |
| 27 | Spring, Dropover | 1 | 529466-001 |
| 28 | Stem | 1 | 528844-001 |
| 29 | + Strainer, Model 09SC | 1 | 528342-002 |
| 30 | Stud, Bracket, 5/8 – 11 x 3" | 2 | 643823-423 |
| 31 | Stud, Cover, 5/8 – 11 x 2 1/4"..... | 10 | 643823-422 |
| 32 | R Valve, Needle, Model 13: | | |
| | 1/2" NPT Carbon Steel | 2 | 643710-402 |
| | 1/2" NPT Stainless Steel..... | 2 | 641109-404 |
| 33 | @1 Valve, Solenoid, Model 30A N.C. | 1 | See Note |
| 34 | @1 Valve, Solenoid, Model 30B N.O. | 1 | See Note |
| 35 | Washer, Lock..... | 2 | 002917-400 |
| 36 | Washer, Lock Spring | 1 | 643164-407 |
| 37 | Washer, Diaphragm, Stainless Steel | 2 | 528848-006 |
| 38 | Washer, O-Ring, Ductile Iron..... | 1 | 508040-003 |

- + Recommended stock.
- # Order quantity required.
- R Indicates change since last revision.
- * Not illustrated.
- @1 When ordering, the following information is required:
 1. Electrical Requirements (Volts/Hz or DC).
 2. Catalog Number displayed on the name plate of the solenoid,
or
 3. Log Number displayed on the nameplate of the valve body.
- @2 Ni-Resist bearing is pressed into cover and seat, then reamed to size.

† Bearing may need reaming once pressed into cover or seat.

PO03016 has replaced publication number P1037.09X, which has been made obsolete.

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.

Contact information is subject to change. For the most current contact information, visit our website at www.fmctechnologies.com/measurementsolutions and click on the "Contact Us" link in the left-hand column.

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
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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