



DIMENSIONS, INCHES

| VALVE SIZE | BASE VALVE MODEL # | ACTUATOR CODE | ACTUATOR PRESSURE RATING (PSI) | | A | B | C | D | E QTY. | E TAP | E DEEP | F | G | H | J | K | S | W | BOLT SIZE | # OF BOLTS |
|------------|--------------------|---------------|--------------------------------|--------|-------|-------|-------|------|--------|----------|--------|------|-------|-------|-------|-------|-------|-------|-----------|------------|
| | | | REVERSE | DIRECT | | | | | | | | | | | | | | | | |
| 14 | 5614F | 2E | 100 | 150 | 17.00 | 18.75 | 21.00 | 1.56 | 8 | 1"-8 | 1.25 | 13.0 | 21.83 | 9.75 | 23.94 | 11.86 | - | - | 1 | 12 |
| | | 2F | 150 | 150 | | | | | | | | | | | | | | | | |
| 16 | 5616F | 2G | 50 | 150 | 17.75 | 21.25 | 23.50 | 1.63 | 8 | 1"-8 | 1.00 | 15.6 | 23.58 | 9.75 | 25.69 | 11.86 | - | - | 1 | 16 |
| | | 2H | 100 | 150 | | | | | | | | | | | | | | | | |
| | | 2J | 150 | 150 | | | | | | | | | | | | | | | | |
| 18 | 5618F | 2K | 50 | 150 | 21.50 | 22.75 | 25.00 | 1.69 | 8 | 1 1/8"-7 | 1.13 | 15.6 | 24.20 | 9.75 | 26.31 | 11.86 | - | - | 1-1/8 | 16 |
| | | 2L | 100 | 150 | | | | | | | | | | | | | | | | |
| | | 2M | 150 | 150 | | | | | | | | | | | | | | | | |
| 20 | 5620F | 2N | 50 | 150 | 23.50 | 25.00 | 27.50 | 1.69 | 12 | 1 1/8"-7 | 1.13 | 17.1 | 26.75 | 7.30 | 28.13 | 14.56 | - | - | 1-1/8 | 20 |
| | | 2P | 100 | 150 | | | | | | | | | | | | | | | | |
| | | 2Q | 150 | 150 | | | | | | | | | | | | | | | | |
| 24 | 5624F | 2R | 50 | 150 | 30.00 | 29.50 | 32.00 | 1.88 | 12 | 1 1/4"-7 | 1.38 | 18.8 | 27.76 | 3.58 | 33.47 | 20.47 | 1-1/4 | 28.25 | 1-1/4 | 20 |
| | | 2S | 100 | 150 | | | | | | | | | | | | | | | | |
| | | 2T | 150 | 150 | | | | | | | | | | | | | | | | |
| 30 | 5630F | 2U | 50 | 150 | 37.50 | 36.00 | 38.75 | 2.12 | 20 | 1 1/4"-7 | 1.69 | 24.0 | 32.40 | 2.64 | 40.47 | 22.20 | 1-1/4 | 33.00 | 1-1/4 | 28 |
| | | 2V | 100 | 150 | | | | | | | | | | | | | | | | |
| | | 2W | 150 | 150 | | | | | | | | | | | | | | | | |
| 36 | 5636F | 2X | 50 | 150 | 52.00 | 42.75 | 46.00 | 2.38 | 32 | 1 1/2"-6 | 2.00 | 27.0 | 36.84 | 10.98 | 44.35 | 26.22 | 1-3/4 | 40.50 | 1-1/2 | 32 |
| | | 2Y | 100 | 150 | | | | | | | | | | | | | | | | |
| | | 2Z | 150 | 150 | | | | | | | | | | | | | | | | |

SUPPLEMENTAL STANDARD DOCUMENTS

| DESCRIPTION | DOCUMENT # |
|------------------------------------|--|
| BARESTEM CROSS SECTION DETAIL | VM-5600F |
| BARESTEM MATERIALS OF CONSTRUCTION | VM-5603F-M |
| GEAR AND ADDITIONAL INPUT DETAILS | VM-PV-1E00 (14"-18") VM-PV-1N00 (20") VM-PV-1R00 (24"-36") |
| GEAR MATERIALS OF CONSTRUCTION | VM-PV-1E00-M (14"-18") VM-PV-1N00 (20", SAME DRAWING) VM-PV-1R00 (24"-36", SAME DRAWING) |

COLD WORKING PRESSURE: 150 PSI
 HYDROSTATIC SHELL TEST PRESSURE: 225 PSI
 TESTED PER AWWA C517

100% PORT ANSI 125 FLG CAM-CENTRIC PLUG VALVE W/ BURIED SERVICE WORMGEAR ACTUATOR

VALMATIC VALVE AND MANUFACTURING CORP.

REV 1/17/2025
 DATE 8/2/2016
 DRWG. NO. VMC-5614F-BWGA