



SEE DRAWING NO. VM-5804RN-M FOR STANDARD MATERIALS OF CONSTRUCTION. * ASTERISK INDICATES VALVE MODEL NUMBERS W/O SPUR GEAR.

| VALVE SIZE | MODEL NO. | PRESS. RATING P.S.I. | | A | B | C | D | E Qty | E Tap | E Deep | F | G | H | J | K | BOLT NO. OF SIZE | NO. OF BOLTS | NO. OF TURNS | % OF STD. WT. PIPE |
|------------|-------------|----------------------|--------|-------|-------|-------|------|-------|---------|--------|-------|------|------|------|------|------------------|--------------|--------------|--------------------|
| | | REVERSE | DIRECT | | | | | | | | | | | | | | | | |
| 14 | 5814R/8E02* | 100 | 150 | 17.00 | 18.75 | 21.00 | 1.38 | 4 | 1-8 | 1.56 | 13.00 | 19.3 | 5.62 | 22.0 | 13.0 | 1 | 12 | 20 | 86 |
| | 5814R/8F02* | 150 | 150 | | | | | | | | | | | | | | | | |
| 16 | 5816R/8E02* | 100 | 150 | 17.75 | 21.25 | 23.50 | 1.44 | 8 | 1-8 | 1.44 | 14.50 | 20.6 | 5.62 | 23.1 | 13.0 | 1 | 16 | 20 | 86 |
| | 5816R/8F02* | 150 | 150 | | | | | | | | | | | | | | | | |
| 18 | 5818R/8J02 | 100 | 150 | 21.50 | 22.75 | 25.00 | 1.56 | 8 | 1 1/8-7 | 1.88 | 16.25 | 25.0 | 7.30 | 26.7 | 14.5 | 1 1/8 | 16 | 60 | 83 |
| | 5818R/8K02 | 150 | 150 | | | | | | | | | | | | | | | | |
| 20 | 5820R/8J02 | 100 | 150 | 23.50 | 25.00 | 27.50 | 1.69 | 8 | 1 1/8-7 | 1.88 | 17.50 | 26.3 | 7.30 | 27.9 | 14.5 | 1 1/8 | 20 | 60 | 83 |
| | 5820R/8K02 | 150 | 150 | | | | | | | | | | | | | | | | |
| 24 | 5824R/8J02 | 100 | 150 | 30.00 | 29.50 | 32.00 | 1.88 | 12 | 1 1/4-7 | 1.88 | 20.25 | 29.0 | 7.30 | 30.7 | 14.5 | 1 1/4 | 20 | 60 | 83 |
| | 5824R/8L02 | 150 | 150 | | | | | | | | | | | | | | | 90 | |
| 30 | 5830R/8R02 | 100 | 150 | 37.50 | 36.00 | 38.75 | 2.12 | 8 | 1 1/4-7 | 2.12 | 24.00 | 31.0 | 3.03 | 35.1 | 14.4 | 1 1/4 | 28 | 70 | 75 |
| | 5830R/8S02 | 150 | 150 | | | | | | | | | | | | | | | 148 | |
| 36 | 5836R/8S02 | 50 | 100 | 52.00 | 42.75 | 46.00 | 2.38 | 16 | 1 1/2-6 | 2.38 | 29.00 | 33.9 | 10.7 | 39.6 | 21.7 | 1 1/2 | 32 | 148 | 75 |
| | 5836R/8T02 | 150 | 150 | | | | | | | | | | | | | | | 173 | |

Revised 4-5-19

ANSI CLASS 125 CAM-CENTRIC® FLANGED PLUG VALVE WITH WORM GEAR ACTUATOR

DATE 1-20-98

VAL-MATIC®

VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-5814R/BWGA