

# MNV6 SERIES

## 6000 PSI MINI NEEDLE VALVE

### KEY BENEFITS

- Compact mini body
- Tee or round handle
- Metal seats

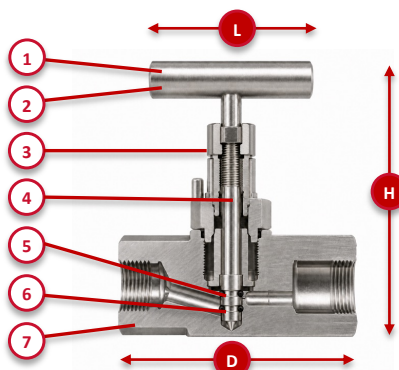


## 6000 PSI MINI NEEDLE VALVE

### OVERVIEW

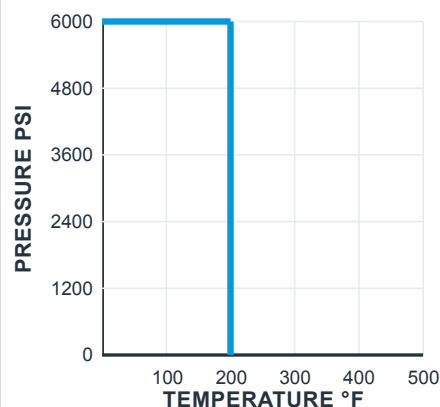
The Apache MNV6 Series brings 6000 PSI needle-valve control into a compact mini-valve package for tight installations and instrument lines. The series is available with tee or round handles and multiple 1/4 inch threaded connection styles for flexible field installation.

### DIMENSIONAL DATA



| SKU           | Material | Handle | Inlet     | Outlet    | L    | D    | H    |
|---------------|----------|--------|-----------|-----------|------|------|------|
| CMT025M025F06 | A105     | TEE    | 1/4" MNPT | 1/4" FNPT | 1.89 | 1.26 | 2.55 |
| SMT025M025F06 | SS316    | TEE    | 1/4" MNPT | 1/4" FNPT | 1.89 | 1.26 | 2.55 |
| CMR025M025F06 | A105     | ROUND  | 1/4" MNPT | 1/4" FNPT | 1.89 | 0.98 | 2.55 |
| SMR025M025F06 | SS316    | ROUND  | 1/4" MNPT | 1/4" FNPT | 1.89 | 0.98 | 2.55 |
| CMT025F025F06 | A105     | TEE    | 1/4" FNPT | 1/4" FNPT | 1.89 | 1.26 | 2.55 |
| SMT025F025F06 | SS316    | TEE    | 1/4" FNPT | 1/4" FNPT | 1.89 | 1.26 | 2.55 |
| CMR025F025F06 | A105     | ROUND  | 1/4" FNPT | 1/4" FNPT | 1.89 | 0.98 | 2.55 |
| SMR025F025F06 | SS316    | ROUND  | 1/4" FNPT | 1/4" FNPT | 1.89 | 0.98 | 2.55 |
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| CMR025M025M06 | A105     | ROUND  | 1/4" MNPT | 1/4" MNPT | 1.89 | 0.98 | 2.55 |
| SMR025M025M06 | SS316    | ROUND  | 1/4" MNPT | 1/4" MNPT | 1.89 | 0.98 | 2.55 |

### PRESSURE / TEMPERATURE RATING



### MATERIALS / CONSTRUCTION

| # | COMPONENT  | CARBON    | STAINLESS |
|---|------------|-----------|-----------|
| 1 | Handle     | AISI 1045 | 316SS     |
| 2 | Handle Nut | 410SS     | 410SS     |
| 3 | Bonnet     | AISI 1045 | 316SS     |
| 4 | Stem       | 316SS     | 316SS     |
| 5 | O-ring     | VITON     | VITON     |
| 6 | O-ring     | VITON     | VITON     |
| 7 | Body       | AISI 1045 | 316SS     |

### STANDARDS & OPTIONS

|                 |                                       |
|-----------------|---------------------------------------|
| Pressure Rating | 6000 PSI CWP                          |
| Body            | Carbon steel or stainless body        |
| Valve Style     | Mini globe-style needle valve         |
| Connections     | MNPT x FNPT, FNPT x FNPT, MNPT x MNPT |
| Ports           | 2 x 1/4" NPT ports                    |
| Compliance      | NACE MR-0175 compliant                |

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