

G3NGPS-08

06/01/2025 10:06 AM

Product Category

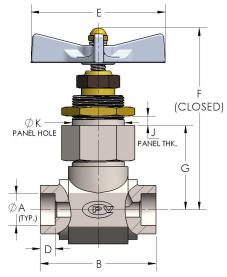
Product Line

Part Description

G3NGPS-08

G-Series® Needle Valve (G-N Series)

Globe Needle Valve with Socketweld Pipe Ends



DIMENSIONS

| Orifice | 0.500 |
|----------|-------|
| A (NPS) | 0.840 |
| В | 3.75 |
| D | 0.380 |
| E | 4.50 |
| F | 6.00 |
| G | 2.81 |
| J (max.) | 0.69 |
| К | 1.78 |

https://www.cpvmfg.com 484.731.4010

The complete catalog contents must be reviewed to ensure that the system designer and user make a safe product selection. When selecting products, the totabystem design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user. Caution: Do not mix or interchange valve components with those of other manufacturers.



GENERAL

| Pressure Rating | 6000 PSI |
|---------------------|---|
| Temperature Range | -15°F to 400°F (-26°C to 204°C) |
| Standard Soft Goods | [-G] Polyurethane® Packing and Viton® O-Rings |
| Cartridge Type | Needle |
| Connection Type | Socketweld Pipe |
| Connection Size | 1/2" |
| Body Material | 316/L Stainless Steel, ASTM A182, UNS S31603 |
| Bonnet Material | 316/L Stainless Steel, ASTM A276, UNS S31603 |

OPTIONS

| [-VC] Vacuum Service | Option to add additional softgoods for internal vacuum service. |
|----------------------|--|
| Optional Soft Goods | [-B] Polyurethane® Packing and Buna-N O-Rings, [-C] Viton® Packing & O-Rings, [-D] EPDM Packing & O-Rings |

https://www.cpvmfg.com 484.731.4010

The complete catalog contents must be reviewed to ensure that the system designer and user make a safe product selection. When selecting products, the totabystem design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user. Caution: Do not mix or interchange valve components with those of other manufacturers.