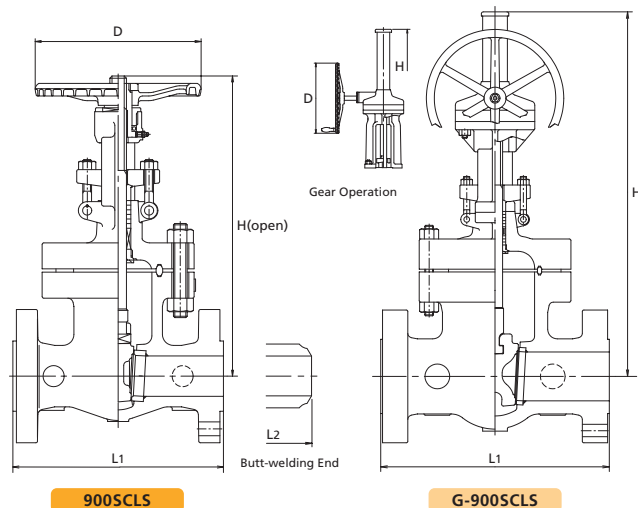


Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Solid wedge (Nominal Size 2 to 4) or Flexible wedge (Nominal Size 6 & larger).



900SCLS

G-900SCLS

| Fig | End Connections |
|--------------|--------------------|
| (G-)900SCLS | RF-flanged ends. |
| (G-)W900SCLS | Butt-welding ends. |

Standard materials of parts

| Parts | Materials |
|-----------------|--|
| Body | ASTM A216 Gr.WCB |
| Bonnet | ASTM A216 Gr.WCB |
| Stem | 403SS |
| Disc | 403SS (Size 2-4) A216 Gr.WCB+13Cr (Size 6 & over) |
| Body seat ring | Carbon Steel+HF* |
| Gland | 403SS |
| Gland packing | Flexible Graphite |
| Gland flange | Carbon Steel |
| Handwheel | Ductile iron |
| Gasket | See Page 5 |
| Bonnet bolt/nut | ASTM A193 Gr.B7/A194 Gr.2H |
| Gland bolt/nut | Carbon Steel |
| Bonnet bushing | 403SS |
| Yoke sleeve | Ductile Ni-Resist |
| Grease nipple | Carbon steel |

*Hard facing with Co-Cr-W Alloy.

Note: Refer to Page 2&4 for standard seat material and construction.

Dimensions

| Nominal Size | 2 | | 3 | | 4 | | 6 | | 8 | | 10 | | 12 | | 14 | | 16 | | 18 | | 20 | | 24 | |
|----------------|----|------|------|------|------|------|------|------|------|------|------|------|-------|--|----|--|----|--|----|--|----|--|----|--|
| | | 50 | 80 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | | | | | | | | | | | |
| L ₁ | in | 14.5 | 15.0 | 18.0 | 24.0 | 29.0 | 33.0 | 38.0 | 40.5 | 44.5 | 48.0 | 52.0 | 61.0 | | | | | | | | | | | |
| | mm | 368 | 381 | 457 | 610 | 737 | 838 | 965 | 1029 | 1130 | 1219 | 1321 | 1549 | | | | | | | | | | | |
| L ₂ | in | 14.5 | 15.0 | 18.0 | 24.0 | 29.0 | 33.0 | 38.0 | 40.5 | 44.5 | 48.0 | 52.0 | 61.0 | | | | | | | | | | | |
| | mm | 368 | 381 | 457 | 610 | 737 | 838 | 965 | 1029 | 1130 | 1219 | 1321 | 1549 | | | | | | | | | | | |
| H* | in | 20.5 | 24.5 | 27.8 | 35.4 | 42.8 | 50.6 | 59.0 | 67.5 | 72.0 | 85.8 | 95.9 | 105.5 | | | | | | | | | | | |
| | mm | 520 | 621 | 706 | 900 | 1087 | 1285 | 1498 | 1714 | 1830 | 2180 | 2435 | 2680 | | | | | | | | | | | |
| D | in | 9.80 | 11.8 | 13.8 | 19.7 | 23.6 | 26.8 | 29.9 | 23.6 | 23.6 | 23.6 | 24.0 | 24.0 | | | | | | | | | | | |
| | mm | 250 | 300 | 350 | 500 | 600 | 680 | 760 | 600 | 600 | 600 | 610 | 610 | | | | | | | | | | | |

*Size 14 and larger : Gear operation type.
Refer to "Standard Product Range" on page 01.