

# JOHN FIG. 316S Parallel Slide

**PRESSURES:** Steam: 2400 kPa @ 425°C  
Cold Water, Oil: 4800 kPa

**SIZE RANGE:** 40 - 300mm

**END CONNECTION:** Flanged to AS2129

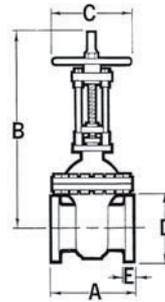
## OPTIONAL EXTRAS

Open/Shut indicator.  
Remote position indicator.  
Chain wheel.  
Capstan handwheel.  
Water sealed gland.  
Buttweld end connection.  
Gear, electric, pneumatic or hydraulic actuation.  
Flanges drilled to AS2129 Table C/D, E, F, H or J, ANSI or DIN.  
Also available in a large range of high pressure/high temperature designs up to and including ANSI 2500 special class.

## CAST STEEL PARALLEL SLIDE VALVES

The design of this valve consists of two discs in contact with the parallel body seats by a light spring located between the discs and makes use of the line pressure to effect tight closure. Temperature changes in the line are accommodated by the flexibility of the disc assembly and therefore do not affect the action of the valve. When being opened or closed, the discs slide across the seat faces, thereby helping to dislodge any foreign matter that may be present. The valve operating stem is of the outside screw type rising through the handwheel.

### DIMENSIONS



N.B. Valves designed to ASTM/ANSI B16.34



## MATERIALS OF CONSTRUCTION

| ITEM | DESCRIPTION | MATERIAL              |
|------|-------------|-----------------------|
| 1.   | BODY        | CAST CARBON STEEL     |
| 2.   | BONNET      | CAST CARBON STEEL     |
| 3.   | DISC        | CARBON STEEL/STELLITE |
| 4.   | SEATS       | CARBON STEEL/STELLITE |
| 5.   | STEM        | STAINLESS STEEL       |
| 6.   | HANDWHEEL   | CAST IRON             |
| 7.   | PACKING     | NON-ASBESTOS          |

## DIMENSIONS

| SIZE | A   | B    | C   | D   | E  | Wt.(Kg) | Cv    | Kv    | K    |
|------|-----|------|-----|-----|----|---------|-------|-------|------|
| 40   | 178 | 362  | 203 | 140 | 22 | 15      | 163   | 3.85  | 0.17 |
| 50   | 254 | 410  | 203 | 165 | 25 | 30      | 309   | 7.29  | 0.15 |
| 65   | 273 | 518  | 229 | 185 | 25 | 47      | 491   | 11.59 | 0.15 |
| 80   | 292 | 549  | 254 | 205 | 32 | 52      | 719   | 17.0  | 0.14 |
| 100  | 330 | 657  | 279 | 230 | 38 | 82      | 1302  | 30.7  | 0.14 |
| 125  | 381 | 806  | 330 | 280 | 38 | 122     | 2073  | 48.9  | 0.13 |
| 150  | 394 | 886  | 381 | 305 | 38 | 164     | 3107  | 73.3  | 0.12 |
| 200  | 444 | 1130 | 432 | 370 | 41 | 258     | 5643  | 133   | 0.12 |
| 250  | 457 | 1422 | 508 | 430 | 48 | 381     | 9227  | 218   | 0.11 |
| 300  | 508 | 1708 | 559 | 490 | 51 | 571     | 13616 | 321   | 0.10 |