



## 9100

### STAINLESS STEEL

Manually operated ANSI 150 class, high performance Wafer style butterfly valves.

- Temperature range -20°F to 446°F, 150 WSP.
- ISO 5211 direct mounting pad/square stem.
- Compact design, easy access to packing.
- Replaceable seat design.
- Multiple V-ring stem packing.
- RPTFE seats, metal seats upon request.
- 14" to 24" sizes available upon request.
- NACE MR0175.
- FC170-2 compliant.
- CRNs available upon request.
- 10 position locking handle.
- Soft seat leakage protection - Class VI.
- Metal seat leakage protection - Class V.

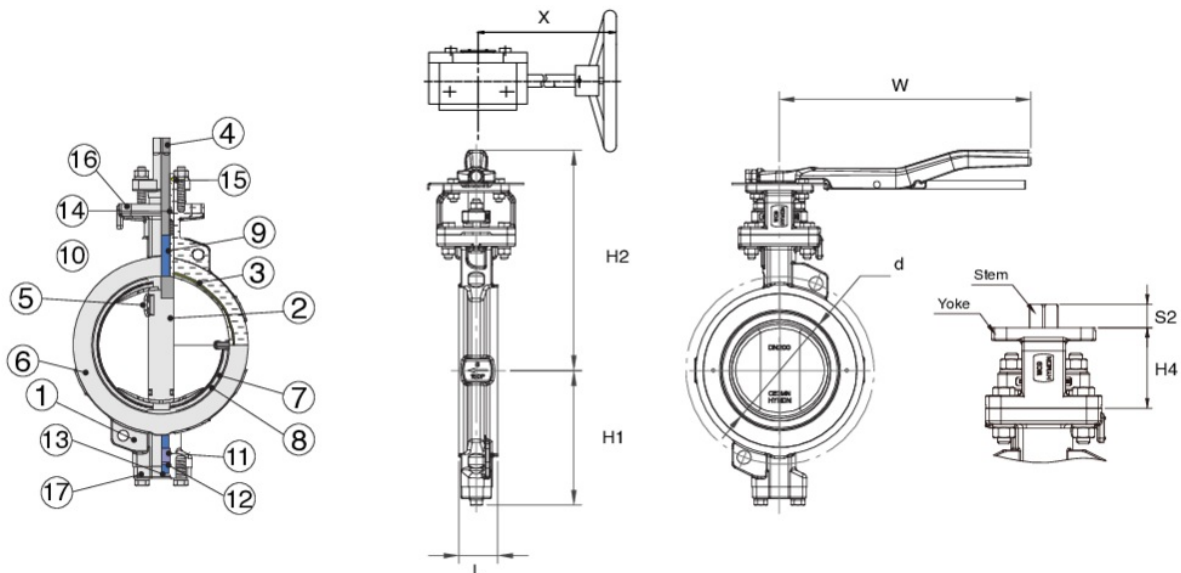
8100-9100: size 2" to 12".

8120-9120: METAL SEATED VERSION - size 2" to 12".

8140-9140: API 607 FIRE SAFE VERSION - size 2" to 12".

G8100-G9100: GEAR OPERATED VERSION - size 2" to 12".

## Technical specifications



| POSITION | PART NAME        | MATERIAL           | N.° PIECES |
|----------|------------------|--------------------|------------|
| 1        | BODY             | A351 Gr. CF8M      | 1          |
| 2        | DISC             | A351 Gr. CF8M      | 1          |
| 3        | SEAT             | Carbon-filled PTFE | 1          |
| 4        | STEM             | A182-F316          | 1          |
| 5        | TAPER PIN        | A182 Gr. F316L     | 2          |
| 6        | RETAINER RING    | A351 CF8M          | 1          |
| 7        | SPRING           | A182-F316          | 1          |
| 8        | LOCK PIN         | PTFE               | 1          |
| 9        | STEM BUSH        | A182-F316          | 2          |
| 10       | GLAND PACKING    | Carbon-filled RTFE | 1          |
| 11       | THRUST RING      | A351 CF8M          | 1          |
| 12       | THRUST PLATE     | PTFE + SS316L      | 1          |
| 13       | GASKET           | PTFE               | 1          |
| 14       | GLAND BUSH       | A351 CF8M          | 1          |
| 15       | ANTI-BLOWOUT PIN | A182-F316          | 1          |
| 16       | GLAND FLANGE     | A351-CF8           | 1          |
| 17       | BOTTOM COVER     | A351 Gr. CF8M      | 1          |

| SIZE   | L    | D     | D1    | D     | H1    | H2    | W     | X      | H4      | S2   | STEM | YOKE ISO | CV    | BREAK TORQUE | WEIGHT LBS |
|--------|------|-------|-------|-------|-------|-------|-------|--------|---------|------|------|----------|-------|--------------|------------|
| 10"    | 2.76 | 12.83 | 15.94 | 9.29  | 10.00 | 10.24 | -     | 8.82   | 3.94    | 0.94 | 22   | F10      | 3199  | 1407         | 66.0       |
| 12"    | 3.19 | 14.76 | 19.09 | 11.06 | 11.73 | 11.42 | -     | 8.46   | 3.94    | 1.14 | 27   | F12      | 4672  | 2266         | 101.0      |
| 2"     | 1.77 | 3.74  | 5.91  | 1.81  | 4.65  | 9.21  | 8.66  | 6.06   | 2.76    | 0.63 | 14   | F07      | 70    | 133          | 11.0       |
| 2 1/2" | 1.89 | 4.41  | 7.09  | 2.40  | 4.96  | 9.53  | 8.66  | 6.06   | 2.76    | 0.63 | 14   | F07      | 150   | 150          | 13.0       |
| 3"     | 1.89 | 4.96  | 7.48  | 2.99  | 5.28  | 10.24 | 8.66  | 6.06   | 2.76    | 0.63 | 14   | F07      | 227   | 13.45177     | 15.0       |
| 4"     | 2.13 | 6.10  | 9.06  | 3.78  | 5.67  | 10.63 | 8.66  | 146.06 | F072.76 | 0.63 | 14   | F07      | 473   | 283          | 20.0       |
| 5"     | 2.24 | 7.24  | 10.04 | 4.65  | 7.01  | 11.42 | 11.81 | 6.06   | 2.76    | 0.75 | 17   | F07      | 605   | 381          | 26.0       |
| 6"     | 2.24 | 8.46  | 11.02 | 5.63  | 7.48  | 12.01 | 11.81 | 6.06   | 3.15    | 0.75 | 17   | F07      | 1010  | 487          | 29.0       |
| 8"     | 2.44 | 10.51 | 13.58 | 7.40  | 8.43  | 13.78 | 15.75 | 8.82   | 3.15    | 0.83 | 17   | F10      | 20004 | 894          | 46.0       |