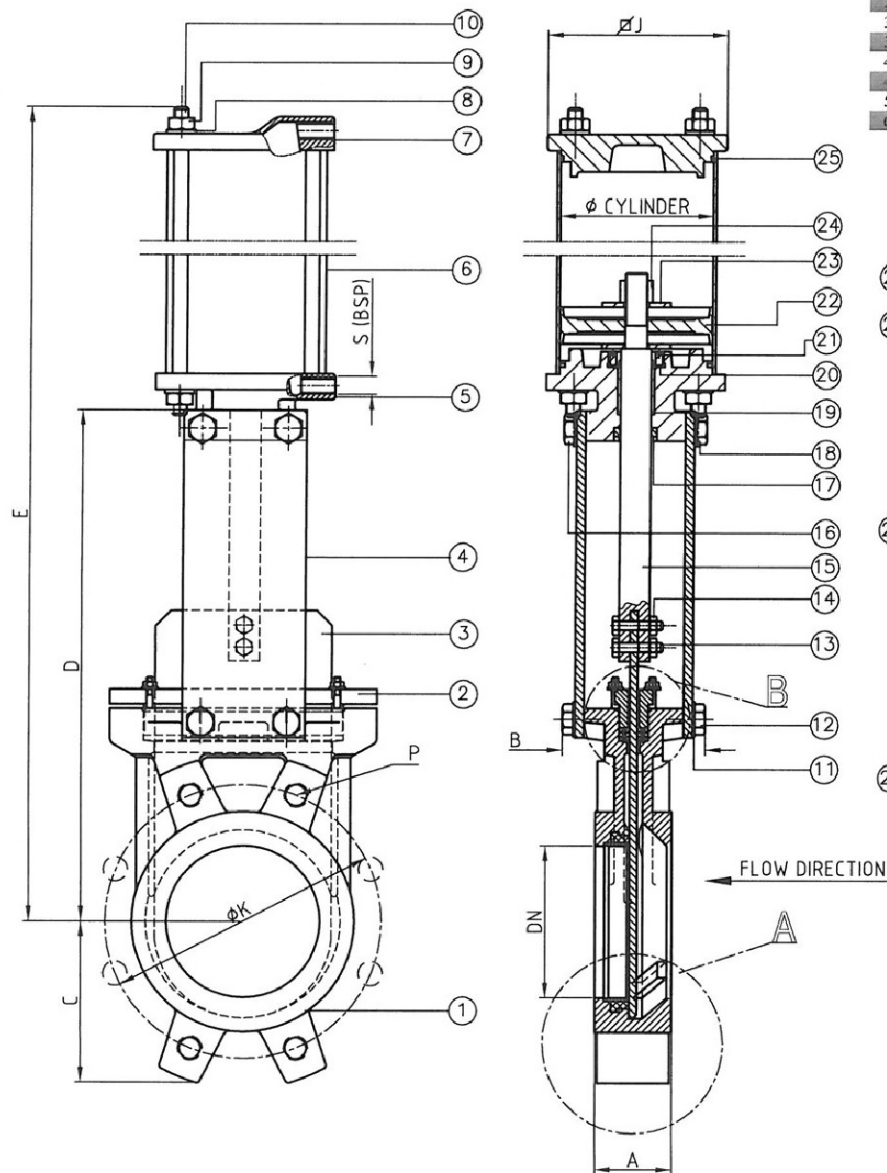


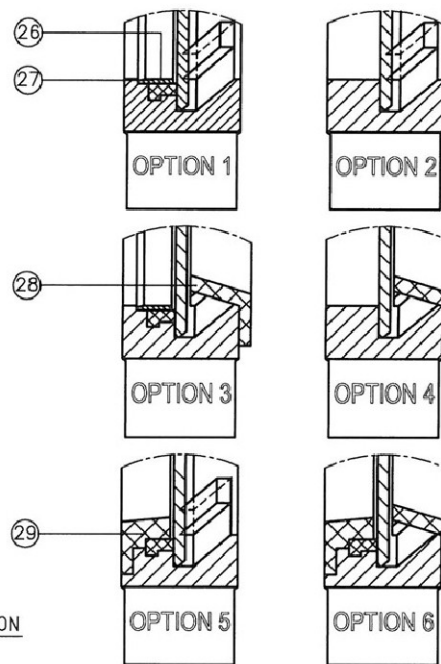
# KNIFE GATE VALVE 200EA D/A(PNEUMATIC ACTUATOR)



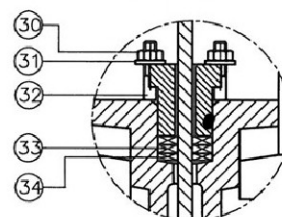
| DN  | INCHES | A   | B   | C   | D    | E    | ø CYLINDER | ø J   | S (B.S.P.) |
|-----|--------|-----|-----|-----|------|------|------------|-------|------------|
| 50  | 2"     | 40  | 90  | 60  | 240  | 410  | 80         | 102.5 | 1/4"       |
| 65  | 2 1/2" | 40  | 90  | 68  | 270  | 456  | 80         | 102.5 | 1/4"       |
| 80  | 3"     | 50  | 90  | 90  | 295  | 500  | 80         | 102.5 | 1/4"       |
| 100 | 4"     | 50  | 90  | 105 | 335  | 560  | 100        | 122   | 1/4"       |
| 125 | 5"     | 50  | 100 | 118 | 370  | 640  | 125        | 147   | 1/4"       |
| 150 | 6"     | 60  | 100 | 135 | 418  | 716  | 125        | 147   | 1/4"       |
| 200 | 8"     | 60  | 120 | 170 | 522  | 880  | 160        | 182   | 1/4"       |
| 250 | 10"    | 70  | 120 | 202 | 625  | 1042 | 200        | 229   | 1/4"       |
| 300 | 12"    | 70  | 120 | 240 | 725  | 1182 | 200        | 229   | 1/4"       |
| 350 | 14"    | 96  | 192 | 255 | 845  | 1360 | 250        | 281   | 3/8"       |
| 400 | 16"    | 100 | 192 | 295 | 945  | 1540 | 250        | 281   | 3/8"       |
| 450 | 18"    | 106 | 192 | 318 | 1045 | 1675 | 300        | 343   | 3/8"       |
| 500 | 20"    | 110 | 192 | 345 | 1148 | 1840 | 300        | 343   | 3/8"       |
| 600 | 24"    | 110 | 290 | 405 | 1360 | 2145 | 300        | 343   | 3/8"       |

| DN  | INCHES | ø K   |          | No. HOLES | P     |          |
|-----|--------|-------|----------|-----------|-------|----------|
|     |        | PN 10 | ANSI 150 |           | PN 10 | ANSI 150 |
| 50  | 2"     | 125   | 120,6    | 4         | M16   | W 5/8"   |
| 65  | 2 1/2" | 145   | 139,7    | 4         | M16   | W 5/8"   |
| 80  | 3"     | 160   | 152,4    | 8         | M16   | W 5/8"   |
| 100 | 4"     | 180   | 190,5    | 8         | M16   | W 5/8"   |
| 125 | 5"     | 210   | 215,9    | 8         | M16   | W 3/4"   |
| 150 | 6"     | 240   | 241,3    | 8         | M20   | W 3/4"   |
| 200 | 8"     | 295   | 298,4    | 8         | M20   | W 3/4"   |
| 250 | 10"    | 350   | 361,9    | 12        | M20   | W 7/8"   |
| 300 | 12"    | 400   | 431,8    | 12        | M20   | W 7/8"   |
| 350 | 14"    | 460   | 476,2    | 16        | M20   | W 1"     |
| 400 | 16"    | 515   | 539,7    | 16        | M24   | W 1"     |
| 450 | 18"    | 565   | 577,8    | 20        | M24   | W 1 1/8" |
| 500 | 20"    | 620   | 635      | 20        | M24   | W 1 1/8" |
| 600 | 24"    | 725   | 749,3    | 20        | M27   | W 1 1/4" |

## SEAT OPTIONS



## DETAIL B



| REF. | DENOMINACION          | MATERIAL        | MATERIAL   |
|------|-----------------------|-----------------|------------|
| 1    | Body                  | Cast iron GG25  | SS316      |
| 2    | Packing gland         | Aluminium/GGG50 | SS316      |
| 3    | Gate                  | SS304L          | SS316L     |
| 4    | Support plate         | Steel           | Steel      |
| 5    | Lower cup             | Aluminium       | Aluminium  |
| 6    | Pneumatic tube        | Aluminium       | Aluminium  |
| 7    | Upper cup             | Aluminium       | Aluminium  |
| 8    | Washer                | Steel           | A2         |
| 9    | Nut                   | Steel           | A2         |
| 10   | Tie rod               | Steel           | A2         |
| 11   | Grower washer         | Steel           | A2         |
| 12   | Bolts                 | Steel           | A2         |
| 13   | Union studs stem-gate | Steel           | A2         |
| 14   | Union nuts stem-gate  | Steel           | A2         |
| 15   | Stem                  | SS303           | SS303      |
| 16   | Nut                   | Steel           | Steel      |
| 17   | Scraper               | NBR             | NBR        |
| 18   | Actuator fixing nut   | Steel           | Steel      |
| 19   | Gasket                | Bronze          | Bronze     |
| 20   | Sealing ring          | NBR             | NBR        |
| 21   | Sealing gland         | SS316           | SS316      |
| 22   | Piston rod            | NBR             | NBR        |
| 23   | Washer                | Steel           | A2         |
| 24   | Nut                   | Steel           | A2         |
| 25   | Sealing o'ring        | EPDM            | EPDM       |
| 26   | Sealing Ring          | SS316           | SS316      |
| 27   | Seat                  | EPDM*           | EPDM*      |
| 28   | Deflecting cone 15°   | SS316*          | SS316*     |
| 29   | Reinforced ring 8"    | SS316*          | SS316*     |
| 30   | Nut                   | Steel           | A2         |
| 31   | Washer                | Steel           | A2         |
| 32   | Studs                 | Steel           | A2         |
| 33   | Packing o'ring        | EPDM*           | EPDM*      |
| 34   | Packing gland         | SYNT+PTFE*      | SYNT+PTFE* |

\*CONSULT MATERIAL

MAXIMUM WORKING PRESSURES RECOMMENDED:  
 DN50-DN250: 10Bar  
 DN300-DN400: 6Bar  
 DN450-DN600: 4Bar

STANDARD TEST PRESSURE:  
 DN50-DN400: 6Bar  
 DN450-DN600: 4Bar