

# DFK Series Damper Butterfly Valve Installation Interference



## IPS PVC – CPVC – Steel & IPS – DIPS HDPE

### DFK SERIES DAMPER BUTTERFLY SPACER THICKNESS INCHES

| Size   | Valve Type | IPS PVC/CPVC Pipe |       | IPS Steel Pipe |       | IPS HDPE Pipe |        |        |        |       | DIPS HDPE Pipe |        |        |
|--------|------------|-------------------|-------|----------------|-------|---------------|--------|--------|--------|-------|----------------|--------|--------|
|        |            | Sch40             | Sch80 | Sch40          | Sch80 | DR26.0        | DR17.0 | DR13.5 | DR11.0 | DR9.0 | DR17.0         | DR13.5 | DR11.0 |
| 1-1/2" | DFK        | -                 | -     | -              | -     | -             | -      | -      | -      | -     | -              | -      | -      |
| 2"     | DFK        | -                 | -     | -              | -     | -             | -      | -      | -      | -     | -              | -      | -      |
| 2-1/2" | DFK        | 0.12              | 0.13  | -              | 0.10  | -             | -      | -      | -      | -     | -              | -      | -      |
| 3"     | DFK        | -                 | -     | -              | -     | -             | -      | -      | -      | 0.12  | -              | -      | -      |
| 4"     | DFK        | -                 | -     | -              | -     | -             | -      | -      | 0.10   | 0.25  | -              | -      | -      |
| 5"     | DFK        | -                 | -     | -              | -     | -             | -      | -      | -      | -     | -              | -      | -      |
| 6"     | DFK        | -                 | -     | -              | -     | -             | -      | -      | 0.16   | 0.40  | -              | -      | 0.25   |
| 8"     | DFK        | -                 | -     | -              | -     | -             | -      | -      | 0.22   | 0.23  | -              | -      | -      |
| 10"    | DFK        | -                 | -     | -              | -     | -             | -      | -      | 0.42   | 0.80  | -              | -      | 0.14   |
| 12"    | DFK        | -                 | -     | -              | -     | -             | -      | 0.20   | 0.64   | 1.07  | -              | -      | 0.30   |
| 14"    | DFK        | 0.66              | 0.70  | -              | 0.61  | 0.19          | 0.86   | 1.26   | 1.64   | 2.04  | -              | 0.14   | 0.77   |
| 16"    | DFK        | -                 | 0.16  | -              | 0.06  | -             | 0.39   | 0.86   | 1.31   | 1.77  | -              | -      | 0.35   |
| 18"    | DFK        | -                 | 0.25  | -              | 0.12  | -             | 0.53   | 1.07   | 1.58   | 2.11  | -              | -      | 0.54   |
| 20"    | DFK        | -                 | 0.32  | -              | 0.18  | -             | 0.66   | 1.28   | 1.86   | 2.45  | -              | -      | 0.73   |
| 24"    | DFK        | 0.05              | 1.33  | -              | 1.18  | 0.64          | 1.73   | 3.57   | 3.03   | 3.69  | -              | 0.98   | 1.89   |

## DIN PE – DIN PP – DIN PVDF

### DFK SERIES DAMPER BUTTERFLY SPACER THICKNESS INCHES

| Size   | Valve Type | DIN PE Pipe |             |           |             |            |             | DIN PP Pipe |             |           |             |            |             | DIN PVDF Pipe |            |
|--------|------------|-------------|-------------|-----------|-------------|------------|-------------|-------------|-------------|-----------|-------------|------------|-------------|---------------|------------|
|        |            | SDR41 PN2.5 | SDR33 PN3.2 | SDR26 PN4 | SDR17.6 PN6 | SDR11 PN10 | SDR7.4 PN16 | SDR41 PN2.5 | SDR33 PN3.2 | SDR26 PN4 | SDR17.6 PN6 | SDR11 PN10 | SDR7.4 PN16 | SDR33 PN10    | SDR21 PN16 |
| 1-1/2" | DFK        | -           | -           | -         | -           | -          | -           | -           | -           | -         | -           | -          | -           | -             |            |
| 2"     | DFK        | -           | -           | -         | -           | -          | -           | -           | -           | -         | -           | -          | -           | -             |            |
| 2-1/2" | DFK        | -           | -           | -         | -           | -          | 0.22        | -           | -           | -         | -           | 0.21       | -           | -             |            |
| 3"     | DFK        | -           | -           | -         | -           | -          | 0.21        | -           | -           | -         | -           | 0.20       | -           | -             |            |
| 4"     | DFK        | -           | -           | -         | -           | 0.17       | 0.44        | -           | -           | -         | 0.17        | 0.43       | -           | -             |            |
| 5"     | DFK        | -           | 0.11        | 0.18      | 0.32        | 0.54       | 0.78        | -           | 0.14        | 0.21      | 0.37        | 0.60       | 0.84        | 0.14 0.29     |            |
| 6"     | DFK        | -           | -           | -         | -           | 0.34       | 0.73        | -           | -           | -         | -           | 0.34       | 0.72        | -             |            |
| 8"     | DFK        | -           | -           | -         | 0.21        | 0.64       | 1.08        | -           | -           | -         | 0.21        | 0.64       | -           | -             |            |
| 10"    | DFK        | -           | -           | -         | 0.38        | 0.93       | 1.48        | -           | -           | -         | 0.38        | 0.92       | -           | 0.19          |            |
| 12"    | DFK        | -           | -           | -         | -           | 0.77       | 1.56        | -           | -           | -         | -           | 0.76       | -           | -             |            |
| 14"    | DFK        | -           | -           | 0.14      | 0.72        | 1.55       | 2.37        | -           | -           | 0.13      | 0.72        | 1.54       | -           | -             |            |
| 16"    | DFK        | -           | -           | -         | 0.43        | 1.33       | 2.24        | -           | -           | -         | 0.43        | 1.33       | -           | -             |            |
| 18"    | DFK        | -           | -           | -         | 0.58        | 1.62       | -           | -           | -           | -         | 0.58        | 1.61       | -           | -             |            |
| 20"    | DFK        | -           | -           | -         | 0.71        | 1.89       | -           | -           | -           | -         | 0.71        | 2.37       | -           | -             |            |
| 24"    | DFK        | -           | -           | -         | 0.70        | -          | -           | -           | -           | -         | 0.70        | -          | -           | -             |            |

**Note:** Spacers, if required, must be installed on both sides of the valve. For spacers below 0.15" wide, chamfer the pipe ID.