



**DGV**  
DAVSGEMINI  
THE SIGN OF TRUST

**DAVSGEMINI VALVES PVT LTD.**

## SERIES 100W

### PTFE Liner Wafer Type Butterfly Valve



### FEATURES : WAFER DESIGN

- 1 Seamless body design-ensures tight valve body and seat
- Sealing and valve plate and valve seat Uniform force
- Adjustable gland to extend valve life
- Elastic silicone gasket
- Bidirectional Design to ensure no leakage
- 1PC disc and stem Design – Enhanced
- seal-Guarantee torsion
- PTFE stem liner – Avoid corrosion of valve stem by medium
- Long life O-ring Design
- 2 Position stem bearing Design



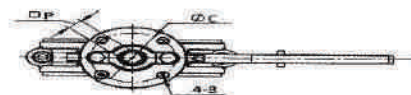
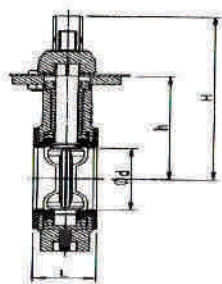
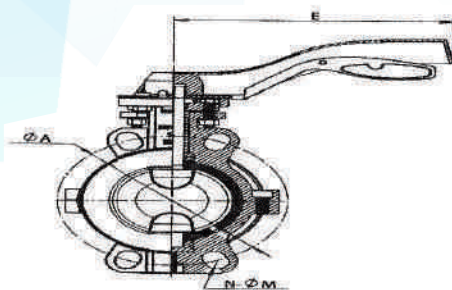
### DESIGN STANDARD :

- Flanged Standard : ANIS B 16.5 #150, BS10 TABLE D, E F
- Design Standard : API 609 /BS EN593
- GB/T12238/ ANSI B 16.34
- Face to Face : API 609/DIN 3202 K1
- Testing Standard: API 598

| MATERIAL | HT250                                               | WCB        | CF8      | CF8M     | CF3        | CF3M       |
|----------|-----------------------------------------------------|------------|----------|----------|------------|------------|
|          | WCB                                                 | 35(FORGED) | CF8      | CF8M     | CF3        | CF3M       |
| SEAT     | PTFE/PFA/FEP                                        |            |          |          |            |            |
|          | 35                                                  | 35         | 1Cr17Ni2 | 1Cr17Ni2 | 1Cr18Ni9Ti | 1Cr18Ni9Ti |
|          | 45                                                  | 45         | 0Cr18Ni9 | 0Cr18Ni9 | 0Cr18Ni9   | 0Cr18Ni9   |
| SIZE     | 1 1/2" ~ 6" LEVER OPERATED & 8" ~ 20" GEAR OPERATED |            |          |          |            |            |

# SERIES 100W

## DATA SHEET



## ANSI 150LB

| SIZE   | DN  | L   | h   | H   | A     | N  | M  | E        | B  | C       | P  |
|--------|-----|-----|-----|-----|-------|----|----|----------|----|---------|----|
| 1-1/2" | 40  | 33  | 110 | 142 | 98.5  | 4  | 19 | 70       | 7  | 50      | 11 |
| 2"     | 50  | 43  | 110 | 145 | 120.5 | 4  | 19 | 70       | 7  | 50      | 11 |
| 2-1/2" | 65  | 46  | 125 | 158 | 139.5 | 4  | 19 | 70       | 7  | 50      | 11 |
| 3"     | 80  | 46  | 132 | 165 | 152.5 | 4  | 19 | 80       | 9  | 70      | 14 |
| 4"     | 100 | 52  | 151 | 175 | 190.5 | 8  | 19 | 80       | 9  | 70      | 14 |
| 5"     | 125 | 56  | 170 | 200 | 216   | 8  | 22 | 105      | 11 | 70/102  | 17 |
| 6"     | 150 | 56  | 188 | 230 | 241.5 | 8  | 22 | 105      | 11 | 70/102  | 17 |
| 8"     | 200 | 60  | 235 | 280 | 298.5 | 8  | 22 | Gear box | 13 | 102/125 | 22 |
| 10"    | 250 | 68  | 280 | 320 | 362   | 12 | 25 | Gear box | 13 | 125/140 | 22 |
| 12"    | 300 | 78  | 300 | 350 | 432   | 12 | 25 | Gear box | 17 | 125/140 | 22 |
| 14"    | 350 | 78  | -   | 420 | 476   | 12 | 29 | Gear box | 17 | 140/165 | 27 |
| 16"    | 400 | 102 | -   | 460 | 540   | 16 | 29 | Gear box | 21 | 140/165 | 27 |
| 18"    | 450 | 114 | -   | 500 | 578   | 16 | 32 | Gear box | 21 | 165     | 36 |
| 20"    | 500 | 127 | -   | 525 | 635   | 20 | 32 | Gear box | 21 | 165     | 36 |
| 24"    | 600 | 154 | -   | 515 | 749.3 | 20 | 35 | Gear box | 21 | 165     | 36 |

## GB1.6Mpa/PN16

|        |     |     |     |     |       |    |    |          |    |         |    |
|--------|-----|-----|-----|-----|-------|----|----|----------|----|---------|----|
| 1-1/2" | 40  | 33  | 110 | 142 | 114.5 | 4  | 22 | 70       | 7  | 50      | 11 |
| 2"     | 50  | 43  | 110 | 145 | 127   | 8  | 19 | 70       | 7  | 50      | 11 |
| 2-1/2" | 65  | 46  | 125 | 158 | 149.5 | 8  | 22 | 70       | 7  | 50      | 11 |
| 3"     | 80  | 46  | 132 | 165 | 168.5 | 8  | 22 | 80       | 9  | 70      | 14 |
| 4"     | 100 | 52  | 151 | 175 | 200   | 8  | 22 | 80       | 9  | 70      | 14 |
| 5"     | 125 | 56  | 170 | 200 | 235   | 8  | 22 | 105      | 11 | 70/102  | 17 |
| 6"     | 150 | 56  | 188 | 230 | 270   | 12 | 23 | 105      | 11 | 70/102  | 17 |
| 8"     | 200 | 60  | 235 | 280 | 330   | 12 | 25 | Gear box | 13 | 102/125 | 22 |
| 10"    | 250 | 68  | 280 | 320 | 387.5 | 16 | 29 | Gear box | 13 | 125/140 | 22 |
| 12"    | 300 | 78  | 300 | 350 | 451   | 16 | 32 | Gear box | 17 | 125/140 | 22 |
| 14"    | 350 | 78  | -   | 420 | 514.5 | 16 | 32 | Gear box | 17 | 140/165 | 27 |
| 16"    | 400 | 102 | -   | 460 | 571.5 | 20 | 35 | Gear box | 21 | 140/165 | 27 |
| 18"    | 450 | 114 | -   | 500 | 628.5 | 20 | 35 | Gear box | 21 | 165     | 36 |
| 20"    | 500 | 127 | -   | 525 | 686   | 20 | 35 | Gear box | 21 | 165     | 36 |
| 24"    | 600 | 154 | -   | 515 | 770   | 20 | 36 | Gear box | 21 | 165     | 36 |

## SERIES 100PL

### PTFE LINER LUG TYPE BUTTERFLY VALVE



### FEATURES : WAFER DESIGN

Seamless body design-ensures tight valve body and seat  
Sealing and valve plate and valve seat Uniform force  
Adjustable gland to extend valve life Elastic silicone gasket

Bidirectional Design to ensure no leakage

1PC disc and stem Design– Enhanced seal-

Guarantee torsion

PTFE stem liner – Avoid corrosion of  
valve stem by medium

Long life O-ring Design

2 Position stem bearing Design



### DESIGN STANDARD :

Flanged Standard : ANIS B 16.5 #150, BS10 TABLE D, E F

Design Standard : API 609 /BS EN593

GB/T12238/ ANSI B 16.34

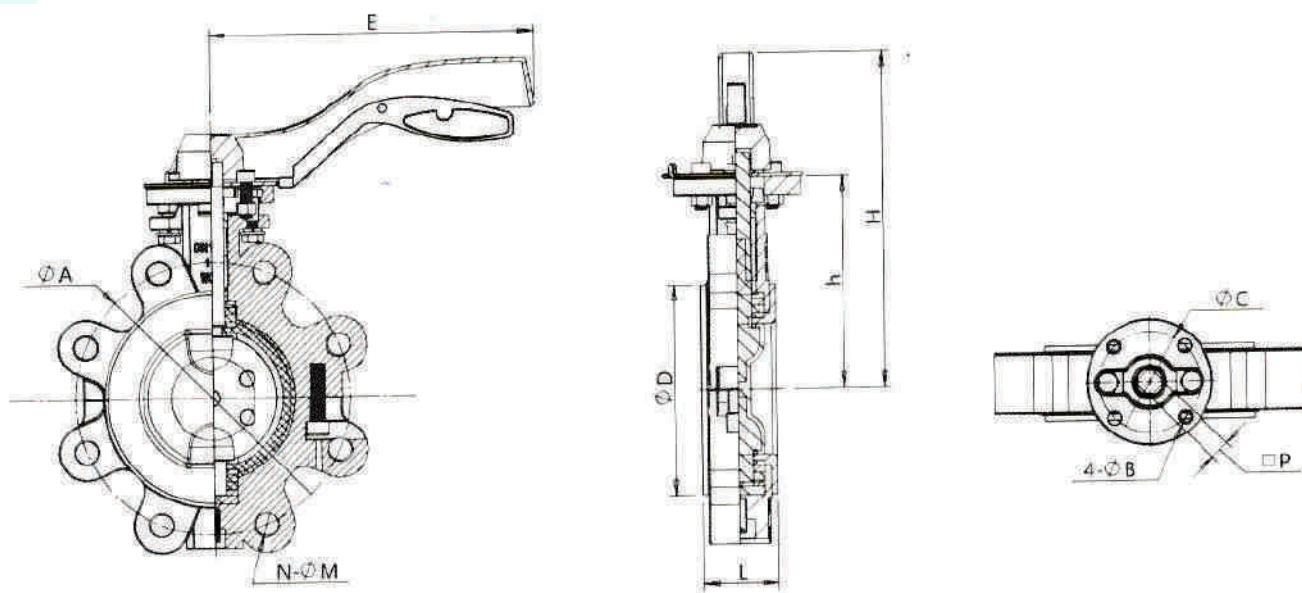
Face to Face : API 609/DIN 3202 K1

Testing Standard: API 598

| MATERIAL | HT250                                               | WCB        | CF8      | CF8M     | CF3        | CF3M       |
|----------|-----------------------------------------------------|------------|----------|----------|------------|------------|
|          | WCB                                                 | 35(FORGED) | CF8      | CF8M     | CF3        | CF3M       |
| SEAT     | PTFE/PFA/FEP                                        |            |          |          |            |            |
|          | 35                                                  | 35         | 1Cr17Ni2 | 1Cr17Ni2 | 1Cr18Ni9Ti | 1Cr18Ni9Ti |
|          | 45                                                  | 45         | 0Cr18Ni9 | 0Cr18Ni9 | 0Cr18Ni9   | 0Cr18Ni9   |
| SIZE     | 1 1/2" ~ 6" LEVER OPERATED & 8" ~ 20" GEAR OPERATED |            |          |          |            |            |

# SERIES 100PL

## DATA SHEET



## ANSI 150LB

| SIZE   | DN  | L   | h   | H   | A     | N  | M  | E        | B  | C       | P  |
|--------|-----|-----|-----|-----|-------|----|----|----------|----|---------|----|
| 1-1/2" | 40  | 33  | 110 | 142 | 98.5  | 4  | 19 | 70       | 7  | 50      | 11 |
| 2"     | 50  | 43  | 110 | 145 | 120.5 | 4  | 19 | 70       | 7  | 50      | 11 |
| 2-1/2" | 65  | 46  | 125 | 158 | 139.5 | 4  | 19 | 70       | 7  | 50      | 11 |
| 3"     | 80  | 46  | 132 | 165 | 152.5 | 4  | 19 | 80       | 9  | 70      | 14 |
| 4"     | 100 | 52  | 151 | 175 | 190.5 | 8  | 19 | 80       | 9  | 70      | 14 |
| 5"     | 125 | 56  | 170 | 200 | 216   | 8  | 22 | 105      | 11 | 70/102  | 17 |
| 6"     | 150 | 56  | 188 | 230 | 241.5 | 8  | 22 | 105      | 11 | 70/102  | 17 |
| 8"     | 200 | 60  | 235 | 280 | 298.5 | 8  | 22 | Gear box | 13 | 102/125 | 22 |
| 10"    | 250 | 68  | 280 | 320 | 362   | 12 | 25 | Gear box | 13 | 125/140 | 22 |
| 12"    | 300 | 78  | 300 | 350 | 432   | 12 | 25 | Gear box | 17 | 125/140 | 22 |
| 14"    | 350 | 78  | -   | 420 | 476   | 12 | 29 | Gear box | 17 | 140/165 | 27 |
| 16"    | 400 | 102 | -   | 460 | 540   | 16 | 29 | Gear box | 21 | 140/165 | 27 |
| 18"    | 450 | 114 | -   | 500 | 578   | 16 | 32 | Gear box | 21 | 165     | 36 |
| 20"    | 500 | 127 | -   | 525 | 635   | 20 | 32 | Gear box | 21 | 165     | 36 |
| 24"    | 600 | 154 | -   | 515 | 749.3 | 20 | 35 | Gear box | 21 | 165     | 36 |



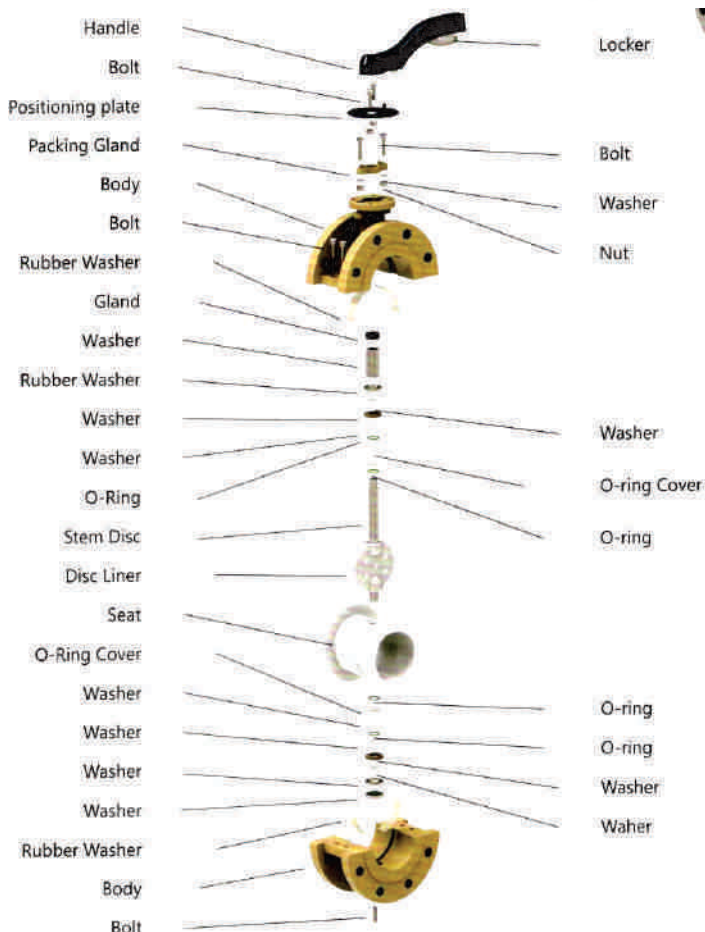
## SERIES 100PDF

### PTFE LINER FLANGE TYPE BUTTERFLY VALVE



### FEATURES : WAFER DESIGN

- Seamless body design-ensures tight valve body and seat
- Sealing and valve plate and valve seat Uniform force
- Adjustable gland to extend valve life
- Elastic silicone gasket
- Bidirectional Design to ensure no leakage
- 1PC disc and stem Design – Enhanced seal-
- Guarantee torsion
- PTFE stem liner – Avoid corrosion of valve stem by medium
- Long life O-ring Design
- 2 Position stem bearing Design

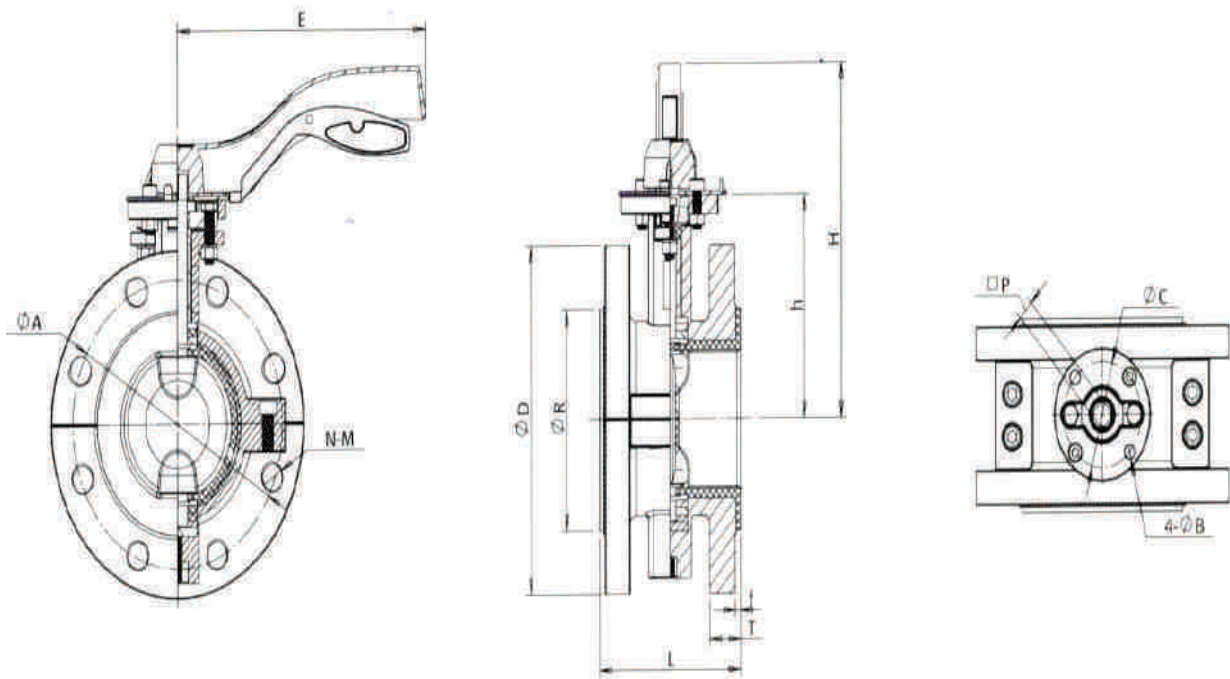


### DESIGN STANDARD :

- Flanged Standard : ANIS B 16.5
- #150, BS10 TABLE D, E F
- Design Standard : API 609 /BS EN593
- GB/T12238/ ANSI B 16.34
- Face to Face : API 609/DIN 3202 K1
- Testing Standard: API 598

| MATERIAL | HT250                                               | WCB        | CF8      | CF8M     | CF3        | CF3M       |
|----------|-----------------------------------------------------|------------|----------|----------|------------|------------|
|          | WCB                                                 | 35(FORGED) | CF8      | CF8M     | CF3        | CF3M       |
| SEAT     | PTFE/PFA/FEP                                        |            |          |          |            |            |
|          | 35                                                  | 35         | 1Cr17Ni2 | 1Cr17Ni2 | 1Cr18Ni9Ti | 1Cr18Ni9Ti |
|          | 45                                                  | 45         | 0Cr18Ni9 | 0Cr18Ni9 | 0Cr18Ni9   | 0Cr18Ni9   |
| SIZE     | 1 1/2" ~ 6" LEVER OPERATED & 8" ~ 20" GEAR OPERATED |            |          |          |            |            |

DATA SHEET

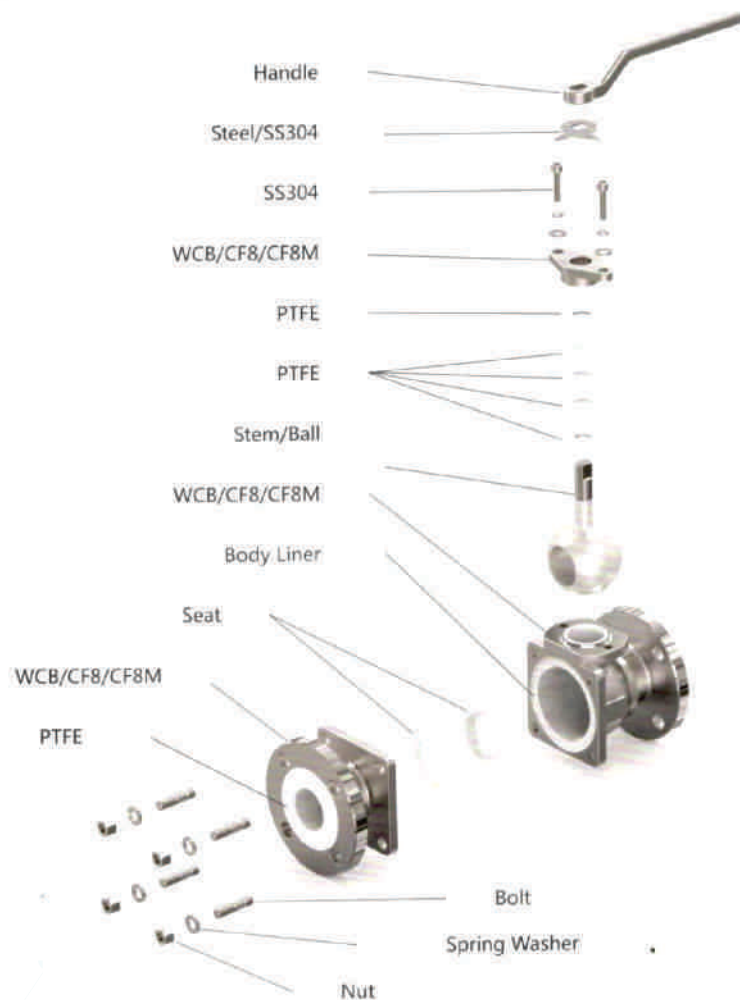


GB1.6Mpa/PN16

| SIZE   | DN  | L   | h   | H   | A     | N  | M  | E        | B  | C       | P  |
|--------|-----|-----|-----|-----|-------|----|----|----------|----|---------|----|
| 1-1/2" | 40  | 33  | 110 | 142 | 114.5 | 4  | 22 | 70       | 22 | 50      | 11 |
| 2"     | 50  | 43  | 110 | 145 | 127   | 8  | 19 | 70       | 7  | 50      | 11 |
| 2-1/2" | 65  | 46  | 125 | 158 | 149.5 | 8  | 19 | 70       | 7  | 50      | 11 |
| 3"     | 80  | 46  | 132 | 165 | 168.5 | 8  | 19 | 80       | 9  | 70      | 14 |
| 4"     | 100 | 52  | 151 | 175 | 200   | 8  | 19 | 80       | 9  | 70      | 14 |
| 5"     | 125 | 56  | 170 | 200 | 235   | 8  | 25 | 105      | 11 | 70/102  | 17 |
| 6"     | 150 | 56  | 188 | 230 | 241.5 | 12 | 32 | 105      | 11 | 70/102  | 17 |
| 8"     | 200 | 60  | 235 | 280 | 330   | 12 | 32 | Gear box | 13 | 102/125 | 22 |
| 10"    | 250 | 68  | 280 | 320 | 362   | 16 | 25 | Gear box | 13 | 125/140 | 22 |
| 12"    | 300 | 78  | 300 | 350 | 432   | 12 | 32 | Gear box | 17 | 125/140 | 22 |
| 14"    | 350 | 78  | -   | 420 | 514.5 | 12 | 25 | Gear box | 17 | 140/165 | 27 |
| 16"    | 400 | 102 | -   | 460 | 571.5 | 16 | 29 | Gear box | 21 | 140/165 | 27 |
| 18"    | 450 | 114 | -   | 500 | 628.5 | 20 | 32 | Gear box | 21 | 165     | 36 |
| 20"    | 500 | 127 | -   | 525 | 686   | 20 | 32 | Gear box | 21 | 165     | 36 |
| 24"    | 600 | 154 | -   | 515 | 770   | 20 | 35 | Gear box | 21 | 165     | 36 |

# PFA LINER FLANGE TYPE BALL VALVE

## SERIES20PFA



### Features :

- Flange Design
- Seamless body design-ensures tight valve body and seat Sealing and valve plate and valve seat uniform force
- Adjustable gland to extend valve life
- Elastic Silicone gasket
- Bidirectional Design to ensure no leakage
- 1PC Ball and stem Design - Enhanced seal - Guarantee torsion
- PTFE stem liner - Avoid corrosion of valve stem by medium
- Long life O-ring Design

### DESIGN STANDARD :

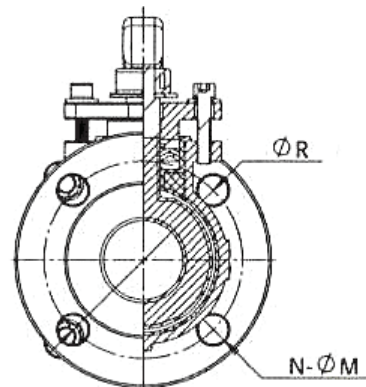
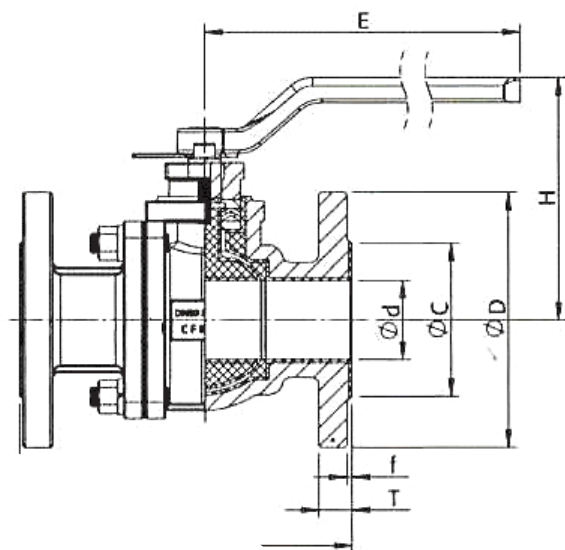
- Flanged Standard : ANSI B 16.5 #150,
- Design Standard : ANSI B 16.34
- Face to Face : Manufactures std
- Testing Standard : API 598/EN12266

| MATERIAL | HT250                                               | WCB        | CF8      | CF8M     | CF3        | CF3M       |
|----------|-----------------------------------------------------|------------|----------|----------|------------|------------|
|          | WCB                                                 | 35(FORGED) | CF8      | CF8M     | CF3        | CF3M       |
| SEAT     | PTFE/PFA/FEP                                        |            |          |          |            |            |
|          | 35                                                  | 35         | 1Cr17Ni2 | 1Cr17Ni2 | 1Cr18Ni9Ti | 1Cr18Ni9Ti |
|          | 45                                                  | 45         | 0Cr18Ni9 | 0Cr18Ni9 | 0Cr18Ni9   | 0Cr18Ni9   |
| SIZE     | 1 1/2" ~ 6" LEVER OPERATED & 8" ~ 20" GEAR OPERATED |            |          |          |            |            |



## SERIES 20PFA (LV)

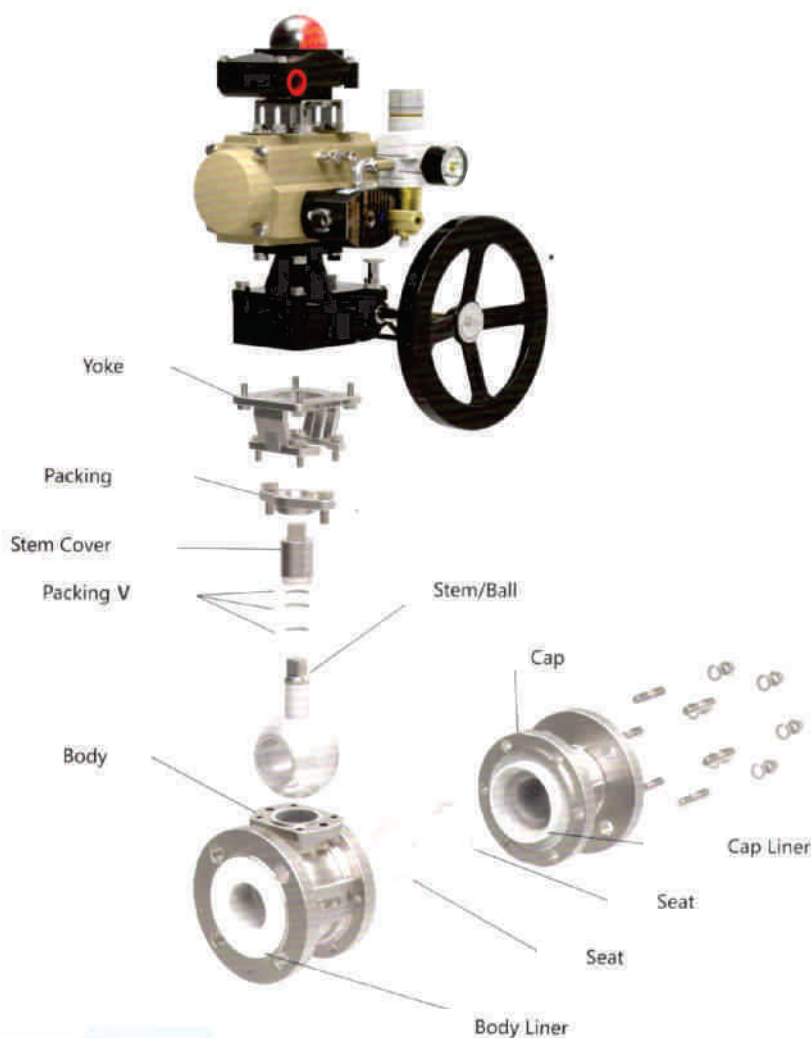
### DATA SHEET



### ANSI #150

| SIZE   | DN  | L    | L    | H   | A     | N    | M    | C   | B   | E   | T    | F |
|--------|-----|------|------|-----|-------|------|------|-----|-----|-----|------|---|
|        |     | #150 | #150 |     | #150  | #150 | #150 |     |     |     | #150 |   |
| 1/2"   | 15  | 140  | 89   | 90  | 60.5  | 4    | 16   | 40  | 50  | 120 | 12   | 2 |
| 3/4"   | 20  | 140  | 98   | 95  | 70    | 4    | 16   | 40  | 50  | 140 | 12   | 2 |
| 1"     | 25  | 150  | 108  | 110 | 79.5  | 4    | 16   | 40  | 50  | 160 | 12   | 2 |
| 1-1/4" | 32  | 165  | 117  | 110 | 89    | 4    | 16   | 40  | 50  | 160 | 13   | 2 |
| 1-1/2" | 40  | 180  | 127  | 120 | 98.5  | 4    | 16   | 70  | 102 | 180 | 15   | 2 |
| 2"     | 50  | 200  | 152  | 140 | 120.5 | 4    | 19   | 70  | 102 | 230 | 16   | 2 |
| 2-1/2" | 65  | 220  | 178  | 160 | 139.5 | 4    | 19   | 70  | 102 | 280 | 18   | 2 |
| 3"     | 80  | 250  | 190  | 180 | 152.5 | 4    | 19   | 102 | 125 | 300 | 19   | 2 |
| 4"     | 100 | 280  | 229  | 210 | 190.5 | 8    | 19   | 102 | 125 | 320 | 24   | 2 |
| 5"     | 125 | 320  | 254  | 400 | 216   | 8    | 22   | 102 | 140 | 320 | 24   | 2 |
| 6"     | 150 | 360  | 279  | 500 | 241.5 | 8    | 22   | 102 | 140 | 400 | 26   | 2 |
| 8"     | 200 | 457  | 343  | -   | 298.5 | 8    | 22   | -   | -   | -   | 29   | 2 |
| 10"    | 250 | 533  | 406  | -   | 362   | 12   | 25   | -   | -   | -   | 31   | 2 |
| 12"    | 300 | 610  | 483  | -   | 432   | 12   | 25   | -   | -   | -   | 32   | 2 |

## AUTOMATIC CONTROL PFA LINER BALL VALVE



### DESIGN STANDARD :

- Flanged Standard : ANSI B 16. 5 #150,
- Design Standard : ANSI B 16.34
- Face to Face : Manufactures std.
- Testing Standard: API 598/EN12266

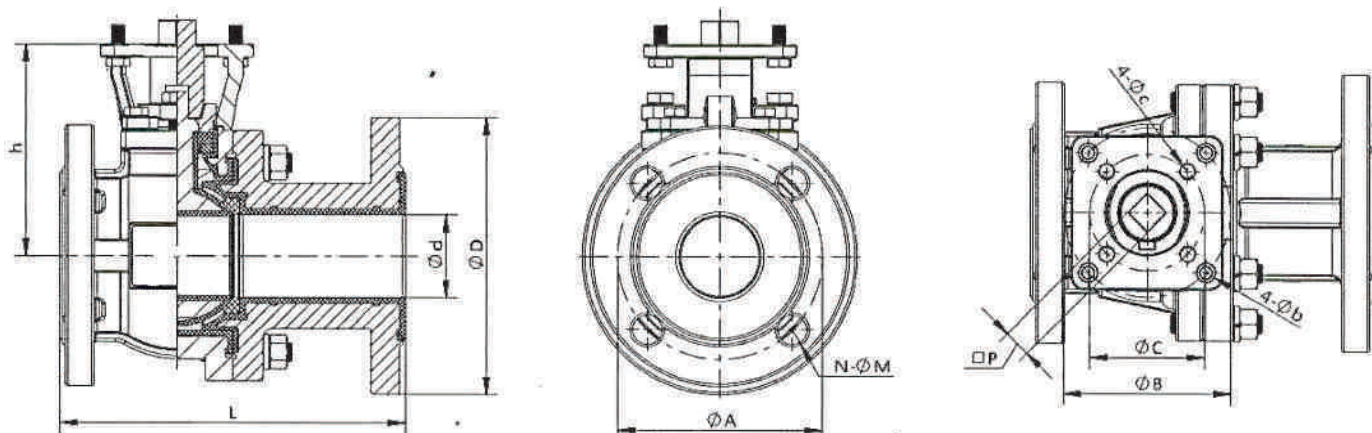
### Features :

- Flange Design
- Seamless body design-ensures tight valve body and seat Sealing and valve plate and valve seat Uniform force
- Adjustable gland to extend valve life
- Elastic silicone gasket
- Bidirectional Design to ensure no leakage
- 1PC Ball and stem Design – Enhanced seal-Guarantee torsion
- PTFE stem liner – Avoid corrosion of valve stem by medium
- Long life O-ring Design

| MATERIAL | HT250                                               | WCB        | CF8      | CF8M     | CF3        | CF3M       |
|----------|-----------------------------------------------------|------------|----------|----------|------------|------------|
|          | WCB                                                 | 35(FORGED) | CF8      | CF8M     | CF3        | CF3M       |
| SEAT     | PTFE/PFA/FEP                                        |            |          |          |            |            |
|          | 35                                                  | 35         | 1Cr17Ni2 | 1Cr17Ni2 | 1Cr18Ni9Ti | 1Cr18Ni9Ti |
|          | 45                                                  | 45         | 0Cr18Ni9 | 0Cr18Ni9 | 0Cr18Ni9   | 0Cr18Ni9   |
| SIZE     | 1 1/2" ~ 6" LEVER OPERATED & 8" ~ 20" GEAR OPERATED |            |          |          |            |            |

## SERIES 20PFA (AUT)

### DATA SHEET



### ANSI #160

| SIZE   | DN  | L    | D    | H   | A     | N    | M    | C   | B   | T    | F |
|--------|-----|------|------|-----|-------|------|------|-----|-----|------|---|
|        |     | #150 | #150 |     | #150  | #150 | #150 |     |     | #150 |   |
| 1/2"   | 15  | 140  | 89   | 90  | 60.5  | 4    | 16   | 40  | 50  | 12   | 2 |
| 3/4"   | 20  | 140  | 98   | 95  | 70    | 4    | 16   | 40  | 50  | 12   | 2 |
| 1"     | 25  | 150  | 108  | 110 | 79.5  | 4    | 16   | 40  | 50  | 12   | 2 |
| 1-1/4" | 32  | 165  | 117  | 110 | 89    | 4    | 16   | 40  | 50  | 13   | 2 |
| 1-1/2" | 40  | 180  | 127  | 120 | 98.5  | 4    | 16   | 70  | 102 | 15   | 2 |
| 2"     | 50  | 200  | 152  | 140 | 120.5 | 4    | 19   | 70  | 102 | 16   | 2 |
| 2-1/2" | 65  | 220  | 178  | 160 | 139.5 | 4    | 19   | 70  | 102 | 18   | 2 |
| 3"     | 80  | 250  | 190  | 180 | 152.5 | 4    | 19   | 102 | 125 | 19   | 2 |
| 4"     | 100 | 280  | 229  | 210 | 190.5 | 8    | 19   | 102 | 125 | 24   | 2 |
| 5"     | 125 | 320  | 254  | 400 | 216   | 8    | 22   | 102 | 140 | 24   | 2 |
| 6"     | 150 | 360  | 279  | 500 | 241.5 | 8    | 22   | 102 | 140 | 26   | 2 |
| 8"     | 200 | 457  | 343  | -   | 298.5 | 8    | 22   | -   | -   | 29   | 2 |
| 10"    | 250 | 533  | 406  | -   | 362   | 12   | 25   | -   | -   | 31   | 2 |
| 12"    | 300 | 610  | 483  | -   | 432   | 12   | 25   | -   | -   | 32   | 2 |



## **DAVSGEMINI VALVES PVT LTD.**

### ADDRESS

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PUNE 412105

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