



# OVC

OHIO VALVE COMPANY

## GENERAL PRODUCTS BROCHURE

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**Dodson  
Valco**

**FULL PORT - BALL VALVES****STAINLESS STEEL**

| Sizes     | 1/2" - 10"                                                                                 |           |
|-----------|--------------------------------------------------------------------------------------------|-----------|
|           | Class                                                                                      | Figure #  |
| Pressures | 150                                                                                        | 266F150   |
|           | 150                                                                                        | 266F150DM |
|           | 300                                                                                        | 266F300   |
| Material  | CF8M                                                                                       |           |
| Ends      | Flanged                                                                                    |           |
| Trim      | TFM 1600 Seats; PTFE Packing                                                               |           |
| Features  | Locking Device; ISO 5211 Mounting Pad.<br>Pressure Relief Vent on Ball; Lever & Worm Gears |           |

**CARBON STEEL**

| Sizes     | 1/2" - 10"                                                                                 |          |
|-----------|--------------------------------------------------------------------------------------------|----------|
|           | Class                                                                                      | Figure # |
| Pressures | 150                                                                                        | 256F150  |
|           | 300                                                                                        | 256F300  |
| Material  | A216 WCB                                                                                   |          |
| Ends      | Flanged                                                                                    |          |
| Trim      | TFM 1600 Seats; 316 Stainless Steel Trim;<br>PTFE Packing                                  |          |
| Features  | Locking Device; ISO 5211 Mounting Pad.<br>Pressure Relief Vent on Ball; Lever & Worm Gears |          |

**FULL PORT - BALL VALVES****FIRE SAFE****STAINLESS STEEL**

| Sizes     | 1/2" - 12"                                                                                                                                         |           |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
|           | Class                                                                                                                                              | Figure #  |
| Pressures | 150                                                                                                                                                | 266F150FS |
|           | 300                                                                                                                                                | 266F300FS |
|           | 600                                                                                                                                                | 266F600FS |
| Material  | CF8M                                                                                                                                               |           |
| Ends      | Flanged                                                                                                                                            |           |
| Trim      | TFM 1600 Seats; Low-Emission Graphite Packing - 100ppm;<br>NACE - MR0103; API 607 Fire-Safe Design                                                 |           |
| Features  | Locking Device; ISO 5211 Mounting Pad; Anti-Static Device;<br>Pressure Relief Vent on Ball; Lever & Worm Gear.<br>HNBR O-Rings on all 600# design. |           |

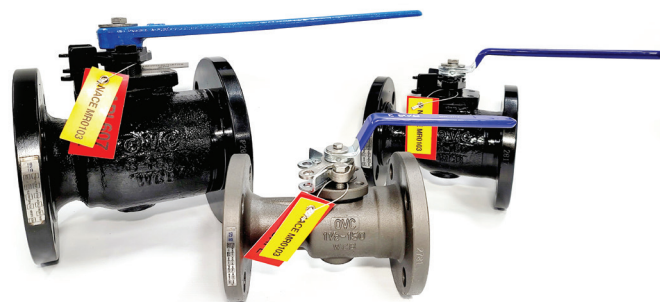
**CARBON STEEL**

| Sizes     | 1/2" - 12"                                                                                                                                         |           |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
|           | Class                                                                                                                                              | Figure #  |
| Pressures | 150                                                                                                                                                | 256F150FS |
|           | 300                                                                                                                                                | 256F300FS |
|           | 600                                                                                                                                                | 256F600FS |
| Material  | A216 WCB                                                                                                                                           |           |
| Ends      | Flanged                                                                                                                                            |           |
| Trim      | TFM 1600 Seats; 316 Stainless Steel Trim; Low-Emission Graphite<br>Packing - 100ppm; NACE - MR0103; API 607 Fire Safe Design                       |           |
| Features  | Locking Device; ISO 5211 Mounting Pad; Anti-Static Device;<br>Pressure Relief Vent on Ball; Lever & Worm Gear.<br>HNBR O-Rings on all 600# design. |           |



## REDUCED PORT - BALL VALVES

FIRE SAFE



## STAINLESS STEEL

| Sizes    | 1/2" - 6"                                                                                                                   |           |
|----------|-----------------------------------------------------------------------------------------------------------------------------|-----------|
|          | Class                                                                                                                       | Figure #  |
| Pressure | 150                                                                                                                         | 166R150FS |
| Material | CF8M                                                                                                                        |           |
| Ends     | Flanged                                                                                                                     |           |
| Trim     | TFM 1600 Seats; Low-Emission Graphite Packing - 100ppm; NACE - MR0103; API 607 Fire Safe Design                             |           |
| Features | Locking Device; ISO 5211 Mounting Pad; Anti-Static Device; Pressure Relief Vent on Ball; Lever & Worm Gear; Uni-body design |           |

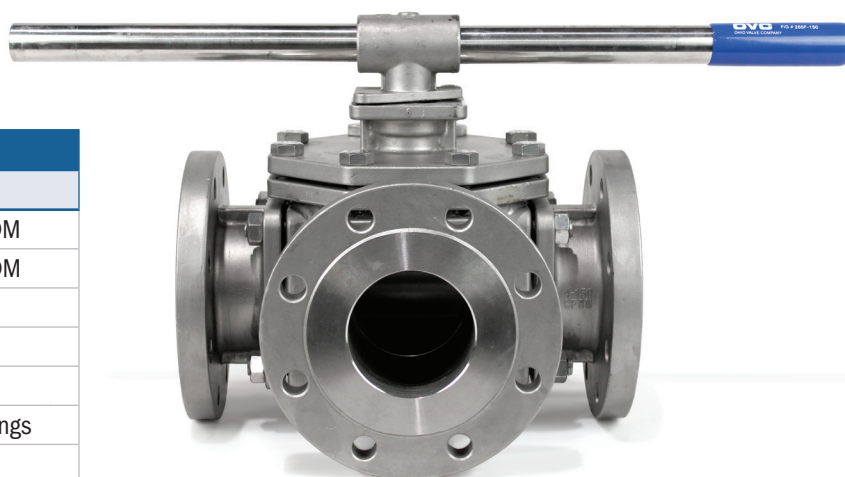
## CARBON STEEL

| Sizes    | 1/2" - 6"                                                                                                                   |           |
|----------|-----------------------------------------------------------------------------------------------------------------------------|-----------|
|          | Class                                                                                                                       | Figure #  |
| Pressure | 150                                                                                                                         | 156R150FS |
| Material | A216 WCB                                                                                                                    |           |
| Ends     | Flanged                                                                                                                     |           |
| Trim     | TFM 1600 Seats; 316 Stainless Steel Trim; Low-Emission Graphite Packing - 100ppm; NACE - MR0103; API 607 Fire Safe Design   |           |
| Features | Locking Device; ISO 5211 Mounting Pad; Anti-Static Device; Pressure Relief Vent on Ball; Lever & Worm Gear; Uni-body design |           |

## 3-WAY FULL PORT - BALL VALVE

## STAINLESS STEEL

| Sizes     | 1 1/2" - 4"                                         |            |
|-----------|-----------------------------------------------------|------------|
|           | Class                                               | Figure #   |
| Pressures | 150                                                 | 3T66F150DM |
|           | 150                                                 | 3L66F150DM |
| Material  | CF8M                                                |            |
| Ends      | Flanged                                             |            |
| Ports     | T-Port & L-Port                                     |            |
| Trim      | RTFE Seats; RTFE Packing; Viton™ O-Rings            |            |
| Features  | Locking Device; ISO 5211 Direct Mounting Pad; Lever |            |



**REDUCED PORT 1-PC - BALL VALVES****STAINLESS & CARBON STEEL**

| Sizes     | 1/4" - 2"                                                      |          |
|-----------|----------------------------------------------------------------|----------|
|           | Class                                                          | Figure # |
| Pressures | 1000 WOG                                                       | 166RT    |
|           | 1000 WOG                                                       | 156RT    |
| Material  | CF8M & WCB                                                     |          |
| Ends      | Threaded                                                       |          |
| Trim      | 316 Stainless Steel Trim; PTFE Packing; RTFE Seats             |          |
| Features  | Slide Latch Locking Device;<br>150 PSIG Saturated Steam Rating |          |

**FULL PORT 2-PC - BALL VALVES****STAINLESS & CARBON STEEL**

| Sizes     | 1/4" - 4"                                                                                              |          |
|-----------|--------------------------------------------------------------------------------------------------------|----------|
|           | Class                                                                                                  | Figure # |
| Pressures | 1000 WOG                                                                                               | 266FTS   |
|           | 1000 WOG                                                                                               | 256FTS   |
| Material  | CF8M & WCB                                                                                             |          |
| Ends      | Threaded                                                                                               |          |
| Trim      | 316 Stainless Steel Trim; PTFE Packing & Seal; RTFE Seats                                              |          |
| Features  | Slide Latch Locking Device; Oval Handwheels Available<br>Upon Request; 150 PSIG Saturated Steam Rating |          |

**FULL PORT 2-PC BALL VALVES****STAINLESS & CARBON STEEL**

| Sizes     | 1/4" - 2"                                                                                                 |          |
|-----------|-----------------------------------------------------------------------------------------------------------|----------|
|           | Class                                                                                                     | Figure # |
| Pressures | 2000-1500 WOG                                                                                             | 266FT    |
|           | 2000-1500 WOG                                                                                             | 256FT    |
| Material  | CF8M & WCB                                                                                                |          |
| Ends      | Threaded                                                                                                  |          |
| Trim      | 316 Stainless Steel Trim; PTFE Packing & Seal;<br>RTFE Seats                                              |          |
| Features  | Slide Latch Locking Device;<br>Oval Handwheels Available Upon Request;<br>150 PSIG Saturated Steam Rating |          |

**FULL PORT 2-PC SEALWELDED BODY****STAINLESS & CARBON STEEL**

| Sizes     | 1 1/4" - 2"                                                                                               |          |
|-----------|-----------------------------------------------------------------------------------------------------------|----------|
|           | Class                                                                                                     | Figure # |
| Pressures | 2000 WOG                                                                                                  | 266FT2W  |
|           | 2000 WOG                                                                                                  | 256FT2W  |
| Material  | CF8M & WCB                                                                                                |          |
| Ends      | Threaded                                                                                                  |          |
| Trim      | 316 Stainless Steel Trim; PTFE Packing & Seal;<br>RTFE Seats                                              |          |
| Features  | Slide Latch Locking Device;<br>Oval Handwheels Available Upon Request;<br>150 PSIG Saturated Steam Rating |          |



**FULL PORT 2-PC FS SEALWELDED BODY****FIRE SAFE****STAINLESS STEEL**

| Sizes     | 1/4" - 2"                                                                                                                   |             |
|-----------|-----------------------------------------------------------------------------------------------------------------------------|-------------|
|           | Class                                                                                                                       | Figure #    |
| Pressures | 2000-1500 WOG                                                                                                               | 266FTW (FS) |
| Material  | CF8M                                                                                                                        |             |
| Ends      | Threaded                                                                                                                    |             |
| Trim      | 316 Stainless Steel Trim; Graphite Packing; RTFE Seats                                                                      |             |
| Features  | Slide Latch Locking Device; Fire Safe; NACE MR0175; Oval Handwheels Available Upon Request; 150 PSIG Saturated Steam Rating |             |

**FULL PORT 2-PC BRASS - BALL VALVES****FORGED BRASS**

| Sizes     | 1/4" - 4"                                                                                                                                      |                     |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|           | Class                                                                                                                                          | Figure #            |
| Pressures | 600 WOG                                                                                                                                        | 200BRFTLH           |
|           | 600 WOG                                                                                                                                        | 200BRFT 2 1/2" - 4" |
| Material  | Brass                                                                                                                                          |                     |
| Ends      | Threaded                                                                                                                                       |                     |
| Trim      | Brass Stem; Chrome Plated Copper Ball; PTFE Packing & Seats                                                                                    |                     |
| Features  | 150 PSIG Saturated Steam Rating; UL & CSA Listed up through 2" @ 400 WOG; Up through 4" Rated @ 250 WOG; Slide Latch Locking Device through 2" |                     |

**FULL PORT 3-PC - BALL VALVES****STAINLESS & CARBON STEEL**

| Sizes     | 1/4" - 2"                                                                          |                         |
|-----------|------------------------------------------------------------------------------------|-------------------------|
|           | Class                                                                              | Figure #                |
| Pressures | 1000 WOG                                                                           | 366FT & 366FW & 366FTxS |
|           | 1000 WOG                                                                           | 356FT & 356FW & 356FTxS |
| Material  | CF8M & WCB                                                                         |                         |
| Ends      | Threaded & Socketweld & THD x SWE                                                  |                         |
| Trim      | 316 Stainless Steel Trim; PTFE Packing & Seal; RTFE Seats                          |                         |
| Features  | Slide Latch Locking Device; ISO 5211 Mounting Pad; 150 PSIG Saturated Steam Rating |                         |

**FULL PORT 3-PC - BALL VALVES****STAINLESS & CARBON STEEL**

| Sizes     | 2 1/2" - 4"                                                                        |               |
|-----------|------------------------------------------------------------------------------------|---------------|
|           | Class                                                                              | Figure #      |
| Pressures | 1000 WOG                                                                           | 366FT & 366FW |
|           | 1000 WOG                                                                           | 356FT & 356FW |
| Material  | CF8M & WCB                                                                         |               |
| Ends      | Threaded & Socketweld                                                              |               |
| Trim      | 316 Stainless Steel Trim; PTFE Packing & Seal; RTFE Seats                          |               |
| Features  | Slide Latch Locking Device; ISO 5211 Mounting Pad; 150 PSIG Saturated Steam Rating |               |

**FULL PORT 3-PC - BALL VALVES****FIRE SAFE****STAINLESS & CARBON STEEL**

| Sizes     | 1/4" - 2"                                                                                                     |                            |
|-----------|---------------------------------------------------------------------------------------------------------------|----------------------------|
|           | Class                                                                                                         | Figure #                   |
| Pressures | 2000-1500 WOG                                                                                                 | 2366FT & 2366FW & 2366FTxS |
|           | 2000-1500 WOG                                                                                                 | 2356FT & 2356FW & 2356FTxS |
| Material  | CF8M & WCB                                                                                                    |                            |
| Ends      | Threaded & Socketweld & THD x SWE                                                                             |                            |
| Trim      | 316 Stainless Steel Trim;<br>Graphite Packing & Gasket; RTFE Seats                                            |                            |
| Features  | Slide Latch Locking Device; Fire Safe; NACE MR0175; ISO 5211<br>Mounting Pad; 150 PSIG Saturated Steam Rating |                            |

**FULL PORT 3-PC PEEK SEATED BALL VALVES****FIRE SAFE****STAINLESS & CARBON STEEL**

| Sizes     | 1/4" - 2"                                                                                                     |                   |
|-----------|---------------------------------------------------------------------------------------------------------------|-------------------|
|           | Class                                                                                                         | Figure #          |
| Pressures | 2000-1500 WOG                                                                                                 | 2366FTP & 2366FWP |
|           | 2000-1500 WOG                                                                                                 | 2356FTP & 2356FWP |
| Material  | CF8M & WCB                                                                                                    |                   |
| Ends      | Threaded & Socketweld                                                                                         |                   |
| Trim      | 316 Stainless Steel Trim; Graphite Packing &<br>Gasket; PEEK Seats good up to 600° F                          |                   |
| Features  | Slide Latch Locking Device; Fire Safe; NACE MR0175; ISO<br>5211 Mounting Pad; 150 PSIG Saturated Steam Rating |                   |

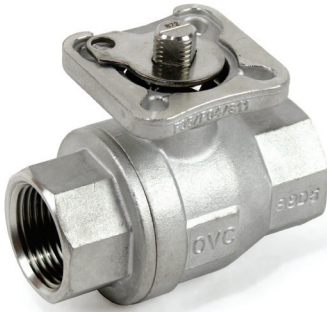
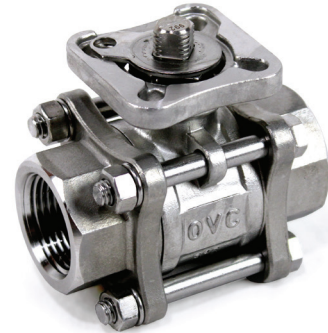
**FULL PORT 2-PC FS SEALWELDED BODY****FIRE SAFE****STAINLESS & CARBON STEEL**

| Sizes     | 1/4" - 2"                                                                                                        |                  |
|-----------|------------------------------------------------------------------------------------------------------------------|------------------|
|           | Class                                                                                                            | Figure #         |
| Pressures | 3600 WOG                                                                                                         | 3266HP & 3266HPW |
|           | 3600 WOG                                                                                                         | 3256HP & 3256HPW |
|           | 6000 WOG                                                                                                         | 6266HP           |
|           | 6000 WOG                                                                                                         | 6256HP           |
| Material  | CF8M & WCB                                                                                                       |                  |
| Ends      | Threaded & Socketweld                                                                                            |                  |
| Trim      | Sealwelded Body Design; 316 Stainless Steel Trim;<br>Graphite Packing & Seal; PEEK Seats                         |                  |
| Features  | Slide Latch Locking Device; Fire Safe; NACE<br>MR0175; ISO 5211 Mounting Pad; 250 PSIG<br>Saturated Steam Rating |                  |

**REDUCED PORT 3-WAY BALL VALVES****STAINLESS STEEL**

| Sizes     | 1/4" - 2"                                                                                                                     |          |
|-----------|-------------------------------------------------------------------------------------------------------------------------------|----------|
|           | Class                                                                                                                         | Figure # |
| Pressures | 1000 WOG                                                                                                                      | 3T66RTDM |
|           | 1000 WOG                                                                                                                      | 3L66RTDM |
| Material  | CF8M                                                                                                                          |          |
| Ends      | Threaded                                                                                                                      |          |
| Ports     | T-Port & L-Port                                                                                                               |          |
| Trim      | RTFE Seats; PTFE Packing & Gasket; Viton™ O-Rings                                                                             |          |
| Features  | Slide Latch Locking Device; ISO 5211 Direct<br>Mounting Pad; Pressure Relief Vent on Ball; 150<br>PSIG Saturated Steam Rating |          |



**FULL PORT 2-PC DIRECT MOUNT BALL VALVES****FULL PORT 3-PC DIRECT MOUNT BALL VALVES****STAINLESS STEEL**

| Sizes    | 1/4" - 2"                                                                         |          |
|----------|-----------------------------------------------------------------------------------|----------|
|          | Class                                                                             | Figure # |
| Pressure | 1000 WOG                                                                          | 266FTDM  |
| Material | CF8M & WCB                                                                        |          |
| Ends     | Threaded                                                                          |          |
| Trim     | 316 Stainless Steel Trim; PTFE Packing & Seal; TFM 1600 Seats; Viton™ O-Ring      |          |
| Features | ISO 5211 Direct Mounting Pad; Anti-Static Device; 150 PSIG Saturated Steam Rating |          |

**STAINLESS STEEL**

| Sizes     | 1/4" - 4"                                                                         |          |
|-----------|-----------------------------------------------------------------------------------|----------|
|           | Class                                                                             | Figure # |
| Pressures | 1000 WOG                                                                          | 366FTDM  |
|           | 1000 WOG                                                                          | 366FWD   |
| Material  | CF8M                                                                              |          |
| Ends      | Threaded & Socketweld                                                             |          |
| Trim      | 316 Stainless Steel Trim; PTFE Packing & Gasket; TFM 1600 Seats; Viton™ O-Ring    |          |
| Features  | ISO 5211 Direct Mounting Pad; Anti-Static Device; 150 PSIG Saturated Steam Rating |          |

**TRUNNION MOUNTED BALL VALVES****FIRE SAFE****STAINLESS & CARBON STEEL**

| Sizes     | 2" - 24"                                                                                                                                    |                   |                   |                    |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|--------------------|
|           | Class                                                                                                                                       | CS x ENP Figure # | CS x 316 Figure # | 316 x 316 Figure # |
| Pressures | 150                                                                                                                                         | 29FEFDHTR150FS    | 29F6FDHTR150FS    | 28F6FPTTR150FS     |
|           |                                                                                                                                             | 39FEFDHTR150FS    | 39F6FDHTR150FS    | 38F6FPTTR150FS     |
|           | 300                                                                                                                                         | 29FEFDHTR300FS    | 29F6FDHTR300FS    | 28F6FPTTR300FS     |
|           |                                                                                                                                             | 39FEFDHTR300FS    | 39F6FDHTR300FS    | 38F6FPTTR300FS     |
|           | 600                                                                                                                                         | 39FEFDHTR600FS    | 39F6FDHTR600FS    | 38F6FPTTR600FS     |
|           |                                                                                                                                             |                   |                   |                    |
| Material  | A105N/LF2 x ENP; A105N/LF2 x 316; A182-F316 x 316                                                                                           |                   |                   |                    |
| Ends      | RF, BW, RTJ                                                                                                                                 |                   |                   |                    |
| Trim      | 3 Mil ENP; 316 Stainless Steel; Devlon®, PEEK Seats; HNBR, Teflon™ Lip Seals O-Rings; Graphite Packing                                      |                   |                   |                    |
| Features  | API-6D; DBB to API-6D; Fire Safe to API 607; NACE to MR0103 & MR0175; Low Emission to API 622 - 100 ppm; Emergency Grease Injector Fittings |                   |                   |                    |

**200 WOG THREADED GG&C VALVES****STANDARD PORT FORGED GG&C VALVES****STAINLESS STEEL**

| Sizes     | 1/4" - 3"                |          |
|-----------|--------------------------|----------|
|           | Class                    | Figure # |
| Pressures | 200 WOG                  | SS200GT  |
|           | 200 WOG                  | SS200GL  |
|           | 200 WOG                  | SS200CK  |
| Material  | CF8M                     |          |
| Ends      | Threaded                 |          |
| Trim      | 316 Stainless Steel Trim |          |

**STAINLESS STEEL**

| Sizes      | 1/4" - 2"                                                                                           |                       |
|------------|-----------------------------------------------------------------------------------------------------|-----------------------|
|            | Class                                                                                               | Figure #              |
| Pressures  | 800#                                                                                                | GASS800TE & GASS800SW |
|            | 800#                                                                                                | GLSS800TE & GLSS800SW |
|            | 800#                                                                                                | SCSS800TE & SCSS800SW |
|            | 800#                                                                                                | PCSS800TE & PCSS800SW |
| Connection | Bolted Bonnet                                                                                       |                       |
| Material   | A182 F316L                                                                                          |                       |
| Ends       | Threaded & Socketweld                                                                               |                       |
| Trim       | API Trim 12; NACE MR0103 & MR0175;<br>Graphite Packing & Gasket to API 622<br>Low-Emission - 100ppm |                       |
| Features   | API 602 Design Standard                                                                             |                       |

**STANDARD PORT FORGED GG&C VALVES****CARBON STEEL**

| Sizes      | 1/4" - 2"                                                                                          |                                 |
|------------|----------------------------------------------------------------------------------------------------|---------------------------------|
|            | Class                                                                                              | Figure #                        |
| Pressures  | 800#                                                                                               | GAN800TE & GAN800SW & GAN800TXS |
|            | 800#                                                                                               | GLN800TE & GLN800SW             |
|            | 800#                                                                                               | SCN800TE & SCN800SW             |
|            | 800#                                                                                               | PCN800TE & PCN800SW             |
| Connection | Bolted Bonnet                                                                                      |                                 |
| Material   | A105N                                                                                              |                                 |
| Ends       | Threaded & Socketweld & THD x SWE                                                                  |                                 |
| Trim       | API Trim 8; NACE MR0103 & MR0175;<br>Graphite Packing & Gasket to API 622<br>Low-Emission - 100ppm |                                 |
| Features   | API 602 Design Standard                                                                            |                                 |

**STANDARD PORT FORGED FLANGED END GG&C VALVES****CARBON STEEL**

| Sizes      | 1/4" - 2"                                                                                       |          |
|------------|-------------------------------------------------------------------------------------------------|----------|
|            | Class                                                                                           | Figure # |
| Pressures  | 150#                                                                                            | GAN150FE |
|            | 150#                                                                                            | GLN150FE |
|            | 150#                                                                                            | SCN150FE |
|            | 150#                                                                                            | PCN150FE |
|            | 300#                                                                                            | GAN300FE |
|            | 300#                                                                                            | GLN300FE |
|            | 300#                                                                                            | SCN300FE |
| Connection | Bolted Bonnet                                                                                   |          |
| Material   | A105N                                                                                           |          |
| Ends       | Flanged                                                                                         |          |
| Trim       | API Trim 8; NACE MR0103 & MR0175; Graphite Packing & Gasket to API 622<br>Low-Emission - 100ppm |          |
| Features   | API 602 Design Standard                                                                         |          |

**API 603 - CAST GATE, GLOBE & SWING CHECK VALVES****STAINLESS STEEL**

| Sizes      | 1/2" - 24"                                                                                                                         |          |            |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|------------|
|            | Class                                                                                                                              | Figure # | Figure #   |
|            |                                                                                                                                    | TEFLON®  | GRAPHITE   |
| Pressures  | 150#                                                                                                                               | SSN150GT | SSN150GRGT |
|            | 150#                                                                                                                               | SSN150GL | SSN150GRGL |
|            | 150#                                                                                                                               | SSN150CK | SSN150GRCK |
|            | 300#                                                                                                                               | SSN300GT | SSN300GRGT |
|            | 300#                                                                                                                               | SSN300GL | SSN300GRGL |
|            | 300#                                                                                                                               | SSN300CK | SSN300GRCK |
| Connection | Bolted Bonnet                                                                                                                      |          |            |
| Material   | CF8M                                                                                                                               |          |            |
| Ends       | Flanged                                                                                                                            |          |            |
| Trim       | API Trim 10; 150# 8" & Larger API Trim 12; 300# 6" & Larger API Trim 12; NACE MR0103 & MR0175;<br>Low-Emission to API 622 - 100ppm |          |            |
| Features   | API 603 Design Standard; Available in both Teflon® Packing & Gasket and Graphite Packing & Gasket                                  |          |            |





## API 600 - CAST GATE, GLOBE &amp; SWING CHECK VALVES



## STAINLESS STEEL

| Sizes      | 2" - 36"                                                                                                    |             |
|------------|-------------------------------------------------------------------------------------------------------------|-------------|
|            | Class                                                                                                       | Figure #    |
| Pressures  | 600#                                                                                                        | SSN600GRGT  |
|            | 600#                                                                                                        | SSN600GRGL  |
|            | 600#                                                                                                        | SSN600GRCK  |
|            | 900#                                                                                                        | SSN900GRGT  |
|            | 900#                                                                                                        | SSN900GRGL  |
|            | 900#                                                                                                        | SSN900GRCK  |
|            | 1500#                                                                                                       | SSN1500GRGT |
|            | 1500#                                                                                                       | SSN1500GRGL |
|            | 1500#                                                                                                       | SSN1500GRCK |
| Connection | Bolted Bonnet                                                                                               |             |
| Material   | CF8M                                                                                                        |             |
| Ends       | Flanged                                                                                                     |             |
| Trim       | API Trim 12; NACE MR0103 & MR0175; Graphite Packing & Gasket in accordance to API 622 Low-Emission - 100ppm |             |
| Features   | API 600 Design Standard                                                                                     |             |

## API 600 - CAST GATE, GLOBE &amp; SWING CHECK VALVES



## CARBON STEEL

| Sizes      | 2" - 36"                                                                                                   |            |
|------------|------------------------------------------------------------------------------------------------------------|------------|
|            | Class                                                                                                      | Figure #   |
| Pressures  | 150#                                                                                                       | CSN150GT   |
|            | 150#                                                                                                       | CSN150GTGO |
|            | 150#                                                                                                       | CSN150GL   |
|            | 150#                                                                                                       | CSN150CK   |
|            | 300#                                                                                                       | CSN300GT   |
|            | 300#                                                                                                       | CSN300GTGO |
|            | 300#                                                                                                       | CSN300GL   |
|            | 300#                                                                                                       | CSN300CK   |
|            | 600#                                                                                                       | CSN600GT   |
|            | 600#                                                                                                       | CSN600GTGO |
|            | 600#                                                                                                       | CSN600GL   |
|            | 600#                                                                                                       | CSN600CK   |
| Connection | Bolted Bonnet                                                                                              |            |
| Material   | A216 WCB                                                                                                   |            |
| Ends       | Flanged                                                                                                    |            |
| Trim       | API Trim 8; NACE MR0103 & MR0175; Graphite Packing & Gasket in accordance to API 622 Low-Emission - 100ppm |            |
| Features   | API 600-623-594 Design Standards; 8" and Larger Gates available with Bevel Gears Operators                 |            |



The background of the page features a faded, high-contrast image of industrial valves. A large valve handle is prominent in the upper center. Below it, a valve body is visible with a label that reads "OVC OHIO VALVE COMPANY", "FIGURE NO.", "SIZE", "BODY", and "SEAT". To the right, another valve body has a label with "WOG", "275", "500", "CLASS", and "E". In the foreground, a valve body is labeled "OVC 6 150 WCB 18807". Another valve body in the lower right is labeled "WCB 18807". A label on a valve body in the lower center reads "VOID DATE", "CWP AT 100 °F MAX TEMP", "SEAT", and "ASME B16.34".

# OVC



**HIGH PERFORMANCE BUTTERFLY - DOUBLE OFF-SET****FIRE SAFE****NON FIRE SAFE****STAINLESS STEEL**

| Sizes     | 2" - 36"                                                                                                                              |                           |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|           | Class                                                                                                                                 | Figure #                  |
| Pressures | 150#                                                                                                                                  | HPSS150LL & HPSS150LG     |
|           | 150#                                                                                                                                  | HPSS150LLFS & HPSS150LGFS |
|           | 300#                                                                                                                                  | HPSS300LL & HPSS300LG     |
|           | 300#                                                                                                                                  | HPSS300LLFS & HPSS300LGFS |
| Material  | CF8M                                                                                                                                  |                           |
| Ends      | Lug                                                                                                                                   |                           |
| Trim      | 316 Stainless Steel Trim; Non Fire Safe & Fire Safe Design; PTFE+316 SS Seats and RTFE Soft Seats; NACE MR0175; Low-Emission - 50 ppm |                           |
| Features  | API 609 Design Standards; Lever & Gear Oper.; Dead End Service                                                                        |                           |

**HIGH PERFORMANCE BUTTERFLY - DOUBLE OFF-SET****FIRE SAFE****NON FIRE SAFE****CARBON STEEL**

| Sizes     | 2" - 36"                                                                                                                              |                           |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|           | Class                                                                                                                                 | Figure #                  |
| Pressures | 150#                                                                                                                                  | HPCS150LL & HPCS150LG     |
|           | 150#                                                                                                                                  | HPCS150LLFS & HPCS150LGFS |
|           | 300#                                                                                                                                  | HPCS300LL & HPCS300LG     |
|           | 300#                                                                                                                                  | HPCS300LLFS & HPCS300LGFS |
| Material  | A216 WCB                                                                                                                              |                           |
| Ends      | Lug                                                                                                                                   |                           |
| Trim      | 316 Stainless Steel Trim; Non Fire Safe & Fire Safe Design; PTFE+316 SS Seats and RTFE Soft Seats; NACE MR0175; Low-Emission - 50 ppm |                           |
| Features  | API 609 Design Standards; Lever & Gear Oper.; Dead End Service                                                                        |                           |



## RESILIENT SEATED BUTTERFLY VALVES

## DUCTILE IRON

| Sizes     | 2" - 36"                                                                                                                                      |          |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------|
|           | Class                                                                                                                                         | Figure # |
| Pressures | 200 # & 150#                                                                                                                                  | 4800     |
|           | 200# & 150#                                                                                                                                   | 4100     |
| Material  | Ductile Iron                                                                                                                                  |          |
| Ends      | Lug & Wafer                                                                                                                                   |          |
| Trim      | <b>Disc:</b> Ni-Coated Ductile Iron;<br>316 Stainless; Bronze<br><b>Seats:</b> EPDM; Buna-N; Teflon; Viton<br>416 Stainless Steel Stem        |          |
| Features  | API 609 Design Standard; Lever<br>& Gear Oper.; 2" - 12" 200 PSI<br>14" - 24" 150 PSI; Dead End Service;<br>All Teflon™ Seated Valves 150 PSI |          |

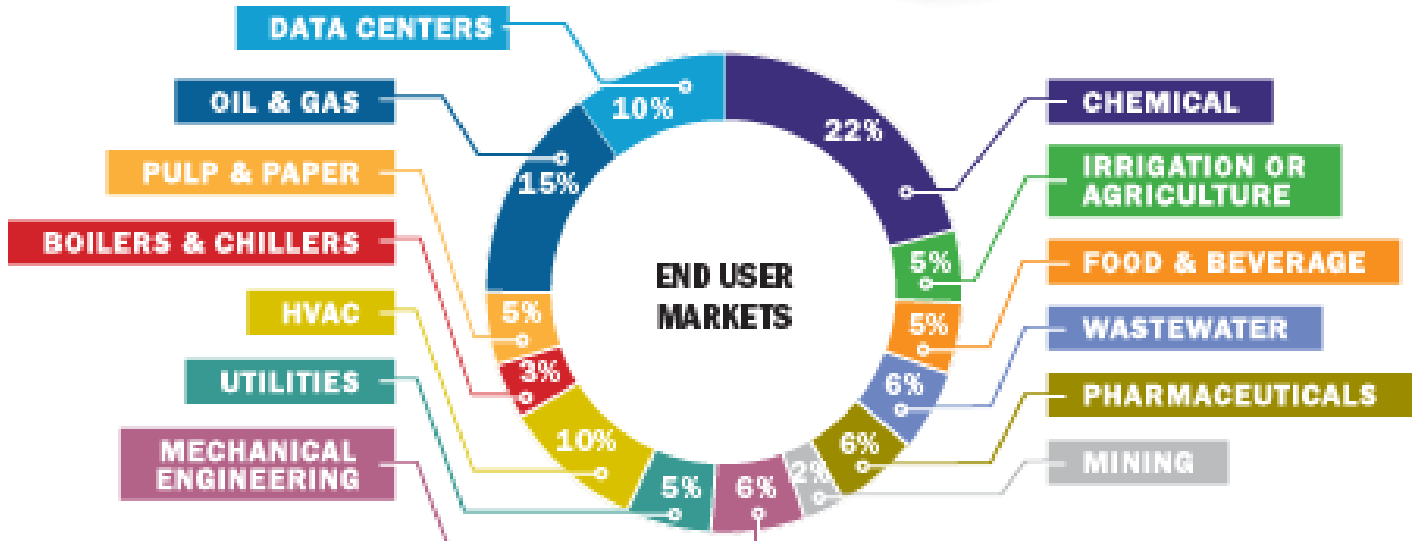


## RESILIENT SEATED - SHORT NECK BUTTERFLY VALVES

## DUCTILE IRON

| Sizes     | 2" - 12"                                                                                                                                 |          |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------|----------|
|           | Class                                                                                                                                    | Figure # |
| Pressures | 200#                                                                                                                                     | 6800     |
|           | 200#                                                                                                                                     | 6100     |
| Material  | Ductile Iron                                                                                                                             |          |
| Ends      | Lug & Wafer                                                                                                                              |          |
| Trim      | <b>Disc:</b> Ni-Coated Ductile Iron;<br>316 Stainless; Bronze<br><b>Seats:</b> EPDM; Buna-N; Teflon™;<br>Viton® 416 Stainless Steel Stem |          |
| Features  | API 609 Design Standard;<br>Lever & Gear Oper.; Double "D" Stem                                                                          |          |





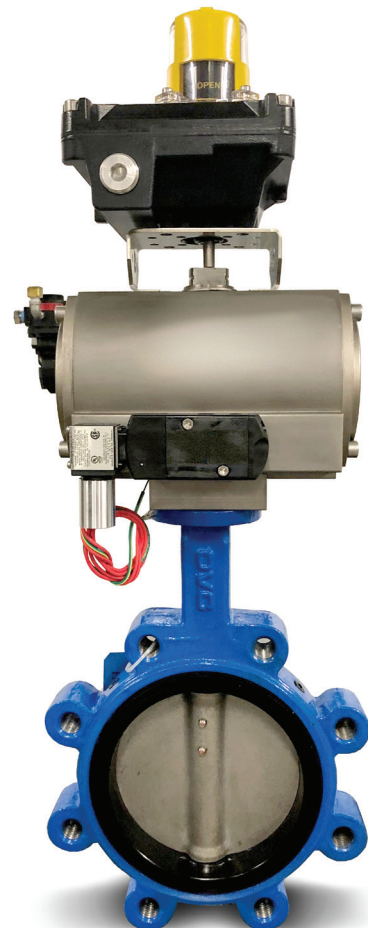
## PNEUMATIC ACTUATORS

- Rack & Pinion design
- Position Indicator standard
- Hard Anodized Aluminum Extruded Body
- Epoxy Coated Die Cast Aluminum end caps
- Travel Adjustments standard
- Double Acting & Spring Return models
- 90 Degree rotation
- Optional available accessories:
  - NAMUR Mount NEMA 4, 3-Way & 4-Way Solenoid Valves
  - 115VAC & 24VDC Stocked as Standard; Other Voltage and NEMA 7 available as option
  - NEMA 4, 4X Limit Switches with Dome Style Indicator Stocked as Standard; NEMA 7 and 3-Way Indication available as option



## ELECTRIC ACTUATORS

- Made in the USA
- NEMA 4 Enclosure Standard; NEMA 4X, 7, 4 & 7, and 4X & 7 Enclosures available
- 115VAC Stocked as Standard; 12VDC through 460 VAC/3PH available
- Manual Overrides Standard on 400"/# & above models
- Dome Style Visual Indicators standard
- Universal Mounting
- Open/Close Switches standard; Extra Auxiliary Switches available
- Polyester Powder Coating standard; Epoxy Coating & Electroless Nickel Coating available
- Spring Return Units along with Internal and External Battery Backup System available
- Available Accessories & Options
  - Brakes
  - Positioners for Modulation
  - Heater & Thermostat
  - Multi-position
  - Multi-turn Actuation available



## IN-HOUSE CAPABILITIES

- Same day shipping on most Standard stock items
- Direct Mount on Flanged, Threaded & Socketweld Ball Valves, Resilient Seated and High Performance Butterfly Valves
- Mounting Brackets and Couplings
- Assembly and Test on all Actuation





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