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0038 PED MODULE H Certificate: 0038/PED/SHA/6013557/A ATEX II 2GD



ValveBus.com

Modentic.com.tw

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www.valvebus.com

API 600 Gate Valve - Class 150/300/600/900/1500/2500



Design Feature

- Design as per API 600
- 2" - 48" (DN50 - DN1200)
- Bolted Bonnet Design (Option: Welded Bonnet)
- Rising Stem
- Non-Rising Handwheel
- O.S. & Yoke / Flexible Wedge
- Either Trim#8 or Trim#5 Components

Available materials :	Stainless Steel / Carbon Steel / Special Alloy
End Connection :	Flanged End, RF/RTJ / Butt Weld End
Body / Stem :	ASTM A216 Gr.WCB / A182 Gr.F6
Wedge :	ASTM A216 Gr.WCB + 13% Cr. Coated
Face to Face :	ASME B16.10 Class 150/300/600/900/1500/2500
Flange Dim. :	ASME B16.5 Class 150/300/600/900/1500/2500

API 623 Globe Valve - Class 150/300/600/900/1500/2500



Design Feature

- Design as per B16.34 / BS1873 / API 623
- 2" - 24" (DN50 - DN600)
- Bolted Bonnet Design (Option: Welded Bonnet)
- Rising Stem
- Rising Handwheel
- O.S. & Yoke / Flexible Disc
- Either Trim#8 or Trim#5 Components

Available materials :	Stainless Steel / Carbon Steel / Special Alloy
End Connection :	Flanged End, RF/RTJ / Butt Weld End
Body / Stem :	ASTM A216 Gr.WCB / A182 Gr.F6
Disc :	ASTM A216 Gr.WCB + 13% Cr. Coated
Face to Face :	ASME B16.10 Class 150/300/600/900/1500/2500
Flange Dim. :	ASME B16.5 Class 150/300/600/900/1500/2500

API 594 Swing Check Valve - Class 150/300/600/900

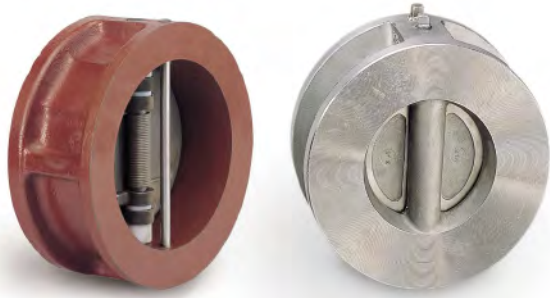


Design Feature

- Design as per B16.34 / BS1868 / API 594
- 2" - 36" (DN50 - DN900)
- Bolted Bonnet Design (Option: Welded Bonnet)
- Swing Type
- Either Trim#8 or Trim#5 Components

Available materials :	Stainless Steel / Carbon Steel / Special Alloy
End Connection :	Flanged End, RF/RTJ / Butt Weld End
Body :	ASTM A216 Gr.WCB
Disc :	ASTM A216 Gr.WCB + 13% Cr. Coated
Face to Face :	ASME B16.10 Class 150/300/600/900/1500/2500
Flange Dim. :	ASME B16.5 Class 150/300/600/900/1500/2500

Wafer Type Dual Plate Spring Check Valve

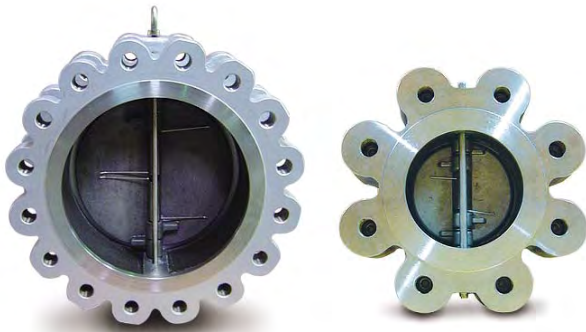


Design Feature

- Design as per API 594
- 1-1/2" - 60" (DN40 - DN1500)
- Wafer Type
- Dual Plate Design

Body materials :	Cast Iron / Ductile Iron Stainless Steel / Carbon Steel
Plate :	SS316 / SS304 / WCB / CF8M
Seat :	NBR / EPDM / VITON / METAL
End Connection :	Wafer Type
Flange Dim. :	ASME B16.10 Class 150/300/600/900/1500/2500 , EN1092-1 PN10/16/25/40 , JIS 5K/10K/20K

Lug Type Dual Plate Spring Check Valve



Design Feature

- Design as per API 594
- 1-1/2" - 24" (DN40 - DN600)
- Lug Type
- Dual Plate Design

Body materials :	Stainless Steel / Carbon Steel
Plate :	SS316 / SS304 / WCB / CF8M
Seat :	NBR / EPDM / VITON / METAL
End Connection :	Lug Type
Flange Dim. :	ASME B16.10 Class 150/300/600/900/1500/2500 , EN1092-1 PN10/16/25/40 , JIS 5K/10K/20K

Wafer Type Single Plate Swing Check Valve



Design Feature

- 2" - 24" (DN50 - DN600)
- Swing Type
- Single Plate Design

Body materials :	Stainless Steel / Carbon Steel
Plate :	SS316 / SS304
Seat :	NBR / EPDM / VITON / METAL / PTFE
End Connection :	Wafer Type
Flange Dim. :	ASME B16.10 Class 150/300 EN1092-1 PN10/16/25/40

API 602 FORGED GATE / GLOBE / CHECK VALVES

API 602 Gate Valve - FGT-800/1500 • Bolted Bonnet PGT-1500/2500 • Pressure Seal

Thread / Socket Weld / Butt Weld End



Design Feature

- Forged Construction
- 1/2" - 2" (DN15 - DN50)
- Bolted Bonnet Design
(Option: Welded Bonnet)
- Rising Stem
- Non-Rising Handwheel
- O.S. & Yoke / Solid Wedge

Available Materials :	Forged Stainless Steel / Forged Carbon Steel / Forged Special Alloy
End Connection :	Threaded / Socket Weld / Butt Weld End
Body / Stem :	ASTM A105N / ASTM A276 Gr.410
Wedge :	ASTM A182 Gr.F6

API 602 Gate Valve - FGTF-150/300/600 • Bolted Bonnet PGTF-1500/2500 • Pressure Seal

Flanged End



Design Feature

- Forged Construction
- 1/2" - 2" (DN15 - DN50)
- Bolted Bonnet Design
(Option: Welded Bonnet)
- Integral Flange Design
- Rising Stem
- Non-Rising Handwheel
- O.S. & Yoke / Solid Wedge

Available Materials :	Forged Stainless Steel / Forged Carbon Steel / Forged Special Alloy
Body / Stem :	ASTM A105N / ASTM A276 Gr.410
Wedge :	ASTM A182 Gr.F6
Face to Face :	ASME B16.10 Class 150/300/600
Flange Dim. :	ASME B16.5 Class 150/300/600, RF

API 602 Globe Valve - FGB-800/1500 • Bolted Bonnet PGB-1500/2500 • Pressure Seal

Thread / Socket Weld / Butt Weld End



Design Feature

- Forged Construction
- 1/2" - 2" (DN15 - DN50)
- Bolted Bonnet Design
(Option: Welded Bonnet)
- Rising Stem
- Rising Handwheel
- O.S. & Yoke / Plug Disc

Available Materials :	Forged Stainless Steel / Forged Carbon Steel / Forged Special Alloy
End Connection :	Threaded / Socket Weld / Butt Weld End
Body / Stem :	ASTM A105N / ASTM A276 Gr.410
Disc :	ASTM A182 Gr.F6

API 602 Globe Valve - FGBF-800/1500 • Bolted Bonnet PGBF-1500/2500 • Pressure Seal

Flanged End



Design Feature

- Forged Construction
- 1/2" - 2" (DN15 - DN50)
- Bolted Bonnet Design
(Option: Welded Bonnet)
- Integral Flange Design
- Rising Stem
- Rising Handwheel
- O.S. & Yoke / Plug Disc

Available Materials :	Forged Stainless Steel / Forged Carbon Steel / Forged Special Alloy
Body / Stem :	ASTM A105N / ASTM A276 Gr.410
Disc :	ASTM A182 Gr.F6
Face to Face :	ASME B16.10 Class 150/300/600
Flange Dim. :	ASME B16.5 Class 150/300/600, RF

API 602 Check Valve - FPC-800/1500 • Bolted Bonnet PPC-1500/2500 • Pressure Seal

Thread / Socket Weld / Butt Weld End



Design Feature

- Forged Construction
- 1/2" - 2" (DN15 - DN50)
- Bolted Bonnet Design
(Option: Welded Bonnet)
- Piston Type - FPC/PPC
- Swing Type - FSC/PSC

Available Materials :	Forged Stainless Steel / Forged Carbon Steel / Forged Special Alloy
End Connection :	Threaded / Socket Weld / Butt Weld End
Body :	ASTM A105N
Disc :	ASTM A182 Gr.F6

API 602 Check Valve - FPCF-800/1500 • Bolted Bonnet PPCF-1500/2500 • Pressure Seal

Flanged End



Design Feature

- Forged Construction
- 1/2" - 2" (DN15 - DN50)
- Bolted Bonnet Design
(Option: Welded Bonnet)
- Integral Flange Design
- Piston Type - FPCF/PPCF
- Swing Type - FSCF/PSCF

Available Materials :	Forged Stainless Steel / Forged Carbon Steel / Forged Special Alloy
Body :	ASTM A105N
Disc :	ASTM A182 Gr.F6
Face to Face :	ASME B16.10 Class 150/300/600
Flange Dim. :	ASME B16.5 Class 150/300/600, RF

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Product Range

Gate / Globe / Check Valves
Soft / Metal Seated Ball Valves
Fire Safe Ball Valves
Fugitive Emission Ball Valves
Super Alloy Valves
Trunnion Mounted Ball Valves
V-Flow Ball Valves
High Pressure Ball Valves



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