

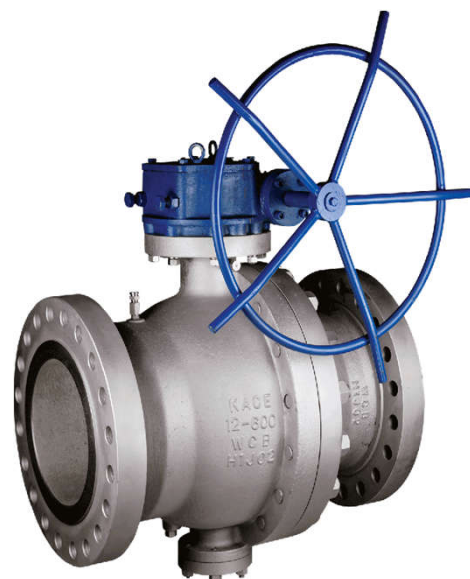
# Our Valves

API 6A & 6D for Upstream, Upstream, Midstream & Downstream



## Our Valves

- Trunnion Mounted Ball Valves  
150-900#, ½”- 48”
- Through Conduit Gate Valves
  - Slab & Expanding Gate
  - 150-900#, ½” – 48”
- Check Valve  
150-900#, ½” – 48”
- Globe valve  
150-900#, ½” – 48”
- Plug  
150-900#, 2” – 48”
- Wedge Gate Valve  
150-900#, ½” – 48”
- Piggable Valve  
150-900, 4” – 12”



# Valve Product Line

## SVT SWING CHECK VALVE

Pressure: 2000#-15000#, API 6A (& higher upon request)  
 Size: 2"-12" (& larger upon request)  
 Body: 1 piece forged body  
 Body Materials: Carbon, Steel, Alloy Steel, Stainless Steel or per customer requirements  
 Trim Materials: 17-4PH, 316SS, 410SS, or per customer specifications  
 End Connections: Flanged and Butt weld (ANSI & API)  
 Temperatures: In Accordance to API 6A Product Specification levels  
 Materials for certain service applications as defined by NACE standard MR-01-75  
 Pressure downrating may be required for service temperatures greater than 250F



## PVT PIG VALVE

Pressure: 150#-1500#, ASME  
 Size: 2"-12" (& larger upon request)  
 Ball & Seats: Stainless – 17 – 4PH NACE Standard, Carbon Steel +ENP  
 Seat Spring: Inconel Wave spring  
 Body Materials: A350 LF2 Standard, optional Stainless & exotic alloys  
 End Connections: RF Flanged, RTJ Flanged  
 Temperatures: -50°F to 400°F / - 45°C to 204°C



## TVT TRUNNION SOFT SEAT BALL

API 6D  
 150#-1500#, ASME  
 2"-12" (& larger upon request)  
 3 piece body, 2 piece body  
 Ball & Seats: Stainless – 17-4PH, CS + ENP  
 RF FLANGED, RTJ FLANGED  
 Seat Spring: Inconel wave Spring  
 Body Materials: A350 LF2 NACE Standard, optional SS & Exotic Alloys  
 Temperatures: -50°F to – 400° / - 45° to -204°C

## VVT STEAM POWER VALVE

150#-4500#, ASME  
 5/8" – 2" (& larger upon request)  
 1 piece body with bolt on ends  
 Ball & Seats: 410 Stainless – Inconel 718, with Chrome Carbide Coating  
 Seat Spring: Inconel 718 NACE Standard  
 Body Materials: A105, F22 & F91  
 Temperatures: Up to 1000°F / 593°C  
 Pressure: Up to 7006 PSIG / 483 Bar (g) depending on body material and pressure class  
 Seat Design: Uni-directional

## CVT FLOATING BALL VALVE

150#-2500#, ASME  
 2"- 24" (& larger upon request)  
 2 piece bolted body with 2"-12", (larger upon request), 3 piece Bolted upon request  
 Ball & Seats: 410 Stainless – 316 Stainless, & other materials upon request  
 Seat Spring: Inconel 718 NACE Standard  
 Body Materials: Per customer specifications  
 Temperatures: Up to 1625°F / 900°C  
 Pressure: Up to 43,000 PSIG / 2565 Bar (g)  
 Seat Design: Integral Set, Dual removable Sets, (Uni-direction & Bi-directional).

# Valve Product Line



**HVT2/HVT3**  
**TRUNNION SOFT SEAT BALL**  
API 6D  
150# - 1500#, ASME  
2" - 36" (& larger upon request)



**VVT**  
**STEAM POWER VALVE**  
Pressure: 150# - 4500#, ASME  
Size: 5/8" - 2" (& larger upon request)



**HWWGT**  
**WEDGE GATE VALVE**  
Pressure: 150# - 600#, ASME  
Size: 1/2" - 36" (& larger upon request)



**SVT**  
**SWING CHECK VALVE**  
Pressure: 2000# - 15000#, API 6A  
(& higher upon request)  
Size: 2" - 12" (& larger upon request)



**CVT**  
**FLOATING BALL VALVE**  
Pressure: 150# - 2500#, ASME  
Size: 2" - 24" (& special order)



**PVT**  
**PIG VALVE**  
Pressure: 150# - 1500#, ASME  
Size: 2" - 12" (& large upon request)

# Valve Product Line



**HVT2/HVT3  
DIB/DBB TRUNNION BALL**  
API 6D Pipeline  
Soft Seated/Metal Seated



**HVSC  
SWING CHECK**  
API 6D  
BWE/Flange



**HVDB  
DOUBLE BALL/NEEDLE**  
API 6A & 6D  
Double Ball Design with Needle valve



**HVF2  
FLOATING BALL**  
API 6D  
Soft Seated/Metal Seated



**HVXG  
THRU-CONDUIT EXPANDING**  
API 6D  
Piggable Pipeline Applications



**HVGT  
NOM-RISING STEM SLAB GATE**  
API 6A/PSL 1, 2, 3, API 6D  
NACE Compliant

**HVRS  
RISING STEAM BALL**  
Metal or Soft Seated  
Alloy 20 & Inconel Trim



**HVPL  
API PLUG VALVES**  
DBB/Lined/Lubricated



**CVT  
FLOATING BALL**  
Side Entry  
Uni-directional and Bi-directional



**HVWG  
WEDGE GATE**  
Reliable Hi-Quality Standard



**HFG, HFL, HFB, HFC, HFF2/HFF3  
GATE, GLOBE, CHECK, BALL**  
API 602, Forged Design  
High Alloy Materials & HF Seats



**OTHER MATERIALS**  
Inconel, Duplex, Super  
Duplex  
NACE / H<sub>2</sub>S / Acid



# Valve Product Line

| SERIES | TYPE                        | DESC.            | SIZE               | PRESS. CLASS       | INDUSTRY |          |                          |        |                              |               |
|--------|-----------------------------|------------------|--------------------|--------------------|----------|----------|--------------------------|--------|------------------------------|---------------|
|        |                             |                  |                    |                    | POWER    | REFINERY | CHEMICAL & PETROCHEMICAL | MINING | OIL & GAS SUBSEA TO PIPELINE | LNG/CRYOGENIC |
| HVT2   | Trunnion, Side Entry        | 2 PC Cast        | 2" - 48"           | Up to 1500 Lb      |          |          |                          |        | X                            |               |
| HVT3   | Trunnion, Side Entry        | 3 PC Cast        | 2" - 48"           | Up to 1500 Lb      |          |          |                          | X      | X                            |               |
| HVF2   | Floating Ball               | 2 PC Cast        | 3" - 24"           | 150 Lb - 600 Lb    |          | X        | X                        | X      |                              | X             |
| VVT    | Floating Ball               | Steam Power      | 5/8" - 2"          | 150 Lb - 4500 Lb   | X        | X        | X                        |        |                              |               |
| PVT    | Trunnion Ball               | Pig Launcher     | 2" - 12"           | 150 Lb - 1500 Lb   |          |          |                          |        | X                            |               |
| HVRS   | Rising Stem Ball            | Rotary Ball      | 2" - 36"           | Up to 1500 Lb      |          |          | X                        |        | X                            |               |
| HVDB   | Double Ball and Needle      | DBB-Isolation    | 1/2" - 4"          | 1500 Lb - 10000 Lb |          | X        | X                        |        | X                            | X             |
| HVXG   | Thru Conduit Expanding Gate | Piggable         | 2" - 42"           | 150 Lb - 900 Lb    |          |          |                          |        | X                            |               |
| HVSG   | Thru Conduit Slab Gate      | Piggable         | 2" - 42"           | 150 Lb - 900 Lb    |          |          |                          |        | X                            |               |
| HVWG   | Wedge Gate                  | Cast Body        | 2" - 24"           | 150 Lb - 600 Lb    |          |          |                          |        | X                            |               |
| HVGT   | FC Type Gate Valves         | Non-Rising Stem  | 1 13/16" - 7 1/16" | 2000 Lb -20K       |          |          |                          |        | X                            |               |
| HVSC   | Swing Check                 | Cast Body        | 2" - 48"           | 150 Lb - 900 Lb    |          |          | X                        |        | X                            |               |
| SVT    | Swing Check                 | Forged Body      | 2" - 12"           | 2000 Lb - 15000 Lb | X        | X        | X                        |        |                              | X             |
| HVPL   | Plug Valve                  | Self Lubricating | 1/2" - 14"         | 150 Lb - 300 Lb    |          |          | X                        |        | X                            |               |



謝謝

Cám ơn

terima kasih

salamat

**Thank You**

Gracias

நன்றி

Obrigado

شكرا

# Questions

## Contacts Us



**Phone:**

+1 832 800-0266



**Web Site:**

<http://www.houstonusaoiltech.com/>



**LinkedIn:**

[linkedin.com/company/houston-usa-oil-technologies](https://www.linkedin.com/company/houston-usa-oil-technologies)



**Facebook (Fan Page):**

<https://www.facebook.com/h.usaoiltech>



**Email:**

[info@houstonusaoiltech.com](mailto:info@houstonusaoiltech.com)



**Twitter:**

[https://twitter.com/h\\_usaoiltech](https://twitter.com/h_usaoiltech)



**Messenger:**

[m.me/h.usaoiltech](https://m.me/h.usaoiltech)



**Instagram:**

[@h\\_usaoiltech](https://www.instagram.com/h_usaoiltech)



**We Greatly Appreciate Your Time!**