



**SET**  
Valves

## Product Summary



# ABOUT OUR PRODUCTS

South East Texas Valves & Automation (SET Valves) is a U.S.-based manufacturer and developer of high-performance valves and automation solutions, serving global markets across the oil, gas, petrochemical, chemical, power generation, and general process industries.

SET Valves partners with carefully selected international manufacturers to produce precision-engineered valve components and assemblies. Every product is completed under our strict Quality Management System (QMS), which includes but not limited to inspection, hydrostatic testing, and performance verification to ensure full compliance with API and ISO standards. This hybrid production model allows SET Valves to deliver dependable, American-certified products.

Our mission is to build a brand defined by reliability, speed, and integrity—providing customers with confidence that every valve leaving our facilities meets the highest standards of quality, safety, and performance.



# Floating Ball Valves



2PC CAST FLOATING BALL  
SIZE RANGE: 1/2" - 8"  
PRESSURE CLASS: 150-600  
BODY MATERIALS: A216-  
WCB, A352-LLC, A351-CF8M  
TRIM: 316SS  
END CONNECTIONS: RF / RTJ  
PORT: FULL OR REDUCED  
OPERATION: LEVEL OR GEAR

SEAT OPTIONS: RPTFE, PEEK  
SEAL: GRAPHITE  
NACE  
ISO MOUNTING PAD  
OTHER SIZES AND PRESSURE  
CLASSES AVAILABLE UPON  
REQUEST  
SPECIAL COATINGS AVAILABLE



3PC FORGED BOLTED BODY  
SIZE RANGE: 1/2" - 2"  
PRESSURE RANGE: 600 - 2500  
BODY MATERIALS: A105N,  
LF2, F316, F51, F53, F55  
TRIM: 316SS, F51, F53, F55  
END CONNECTIONS: THD,  
SW, RF, RTJ, BW, EXTENSIONS

PORT: FULL OR REDUCED  
OPERATOR: LEVER  
LOCKING DEVICE  
SEATS: RPTFE, PEEK  
SEALS: GRAPHITE  
ISO MOUNTING PAD



3PC CAST BOLTED BODY  
SIZE RANGE: 1/2" - 2"  
PRESSURE RANGE:  
1500/2000 WOG  
BODY MATERIALS: WCB,  
LCC, CF8M  
TRIM: 316SS  
END CONNECTIONS: THD,  
SW, RF, RTJ, BW, EXTENSIONS

PORT: FULL OR REDUCED  
OPERATOR: LEVER  
LOCKING DEVICE  
SEATS: RPTFE, PEEK  
SEALS: GRAPHITE  
NACE  
ISO MOUNTING PAD



3PC FORGED HIGH PRESSURE  
SIZE RANGE: 1/2" - 2"  
PRESSURE RANGE:  
2000-6000 WOG  
BODY MATERIALS: A105N,  
LF2, 316SS  
TRIM: 316SS  
END CONNECTIONS: THD,  
SW, THD X SW

PORT: FULL OR REDUCED  
OPERATOR: LEVER  
LOCKING DEVICE  
SEATS: DERLIN, PEEK  
SEALS: GRAPHITE  
NACE



# Floating Ball Valves



**2PC THREADED BODY**  
**SIZE RANGE:** 1/4" - 4"  
**PRESSURE CLASS:** 1000 WOG  
**BODY MATERIALS:** WCB, CF8M  
**TRIM:** 316SS  
**END CONNECTIONS:** THD OR SW

**PORT:** FULL OR REDUCED  
**OPERATOR:** LEVER  
**LOCKING DEVICE**  
**SEATS:** RPTFE  
**SEALS:** GRAPHITE  
**NACE**  
**OTHER PRESSURE CLASSES AVAILABLE**



**1PC UNI-BODY**  
**SIZE RANGE:** 1/2" - 2"  
**PRESSURE CLASS:** 2000 WOG  
**BODY MATERIALS:** WCB, CF8M  
**TRIM:** 316SS  
**END CONNECTIONS:** THD, SW, THD X SW

**PORT:** REDUCED  
**OPERATOR:** LEVER  
**LOCKING DEVICE**  
**SEATS:** RPTFE  
**SEALS:** GRAPHITE  
**NACE**

# Trunnion Ball Valves



**2PC API6D CAST BOLTED BODY**  
**SIZE RANGE** 2"-24"  
**PRESSURE CLASS** 150 - 1500  
**BODY MATERIALS:** WCB, LCC, CF8M  
**TRIMS:** CS/ENP, LF2/ENP, SS  
**END CONNECTIONS:** BW, RF, RTJ

**PORT:** FULL OR REDUCED  
**SEATS:** DEVLON, VITON, PEEK  
**SEALS:** LT-HNBR, FKM, FFKM  
**NACE**  
**SEAT CONFIGURATIONS:** DBB  
**OPERATOR:** LEVER, GEAR OR ACTUATOR



# Trunnion Ball Valves



3PC BOLTED BODY API6D  
SIZE RANGE 2"-48"  
PRESSURE CLASS  
150 – 2500  
BODY MATERIALS  
A105N, LF2, 316SS  
TRIMS: CS/ENP, LF2/ENP, SS  
END CONNECTIONS:  
BW, RF, RTJ

PORT: FULL OR REDUCED  
SEATS: DEVLON, VITON,  
PEEK  
SEALS: LT-HNBR, FKM,  
FFKM  
SEAT CONFIGURATIONS:  
DBB, DIB-1, DIB-2  
OPERATOR: LEVER OR  
GEAR



3PC FULLY WELDED BODY  
SIZE RANGE 2"-24"  
PRESSURE CLASS  
150 – 1500  
BODY MATERIALS  
A105N, LF2  
TRIMS: CS/ENP, LF2/ENP, SS  
END CONNECTIONS:  
BW, RF, RTJ

PORT: FULL OR REDUCED  
SEATS: DEVLON, VITON,  
PEEK  
SEALS: LT-HNBR, FKM,  
FFKM  
SEAT CONFIGURATIONS:  
DBB, DIB-1, DIB-2  
OPERATOR: LEVER OR  
GEAR

# Gas Utility Ball Valves



3PC API6D FULLY  
WELDED BODY  
SIZE RANGE : 3/4" – 8"  
PRESSURE RANGE: 150 – 300  
BODY MATERIALS: A105N, LF2  
TRIM: 316SS  
END CONNECTIONS: BW, RF,  
RTJ, PE ENDS

PORT: FULL OR REDUCED  
SEATS: PEEK  
SEALS: GRAPHITE  
NACE  
OPERATOR: 2" SQ NUT,  
LEVER, GEAR



3PC API6D BOLTED/WELDED BODY W/ EXTENSIONS  
VALVES CAN BE MODIFIED TO HAVE EITHER A HIGH HEAD OR  
PINION SHAFT EXTENSIONS ALL LUBE LINES AND DRAIN VALVES  
INSTALLED. VALVES CAN ALSO BE DESIGNED AS A STUB UP WITH  
ADDITIONAL LUBE LINES PRETESTED AND SHIPPED IN SECTIONS.  
BELOW GRADE COATINGS OPTIONS AVAILABLE

# Plug Valves



API6D LUBRICATED PLUG  
SIZE RANGE: 2" – 36"  
CLASS RANGE 150 – 2500  
BODY MATERIALS: WCB, LCC,  
CF8M  
PLUG MATERIALS: CS, SS,  
MONEL  
SEALS: METAL, VITON, HNBR  
END CONNECTION: RF, RTJ, BW

PATTERNS: SHORT, REGULAR,  
VENTURI  
LUBRICANTS: PER  
REQUIREMENTS  
OPERATOR: LEVER, GEAR,  
ACTUATOR  
NACE



API6D EXPANDING PLUG  
SIZE RANGE: 2" – 24"  
CLASS RANGE: 150 – 1500  
BODY MATERIALS: WCB, LCC  
PLUG MATERIALS: CS, SS  
SEALS: METAL, VITON, HNBR  
END CONNECTIONS: RF, RTJ,  
BW

PORT: FULL OR REDUCED  
DTR  
OPERATOR: HANDWHEEL,  
GEAR, ACTUATOR  
NACE

# Gate, Globe, Check Valves



CAST GATE, GLOBE, CHECK  
API600, API623, API594  
GATE SIZE RANGE: 2" – 48"  
GLOBE SIZE RANGE: 2" – 16"  
CHECK SIZE RANGE: 2" – 48"  
PRESSURE CLASS: 150 – 2500  
END CONNECTIONS: RF / BW / RTJ  
BODY MATERIALS: WCB, LCC,  
CF8M

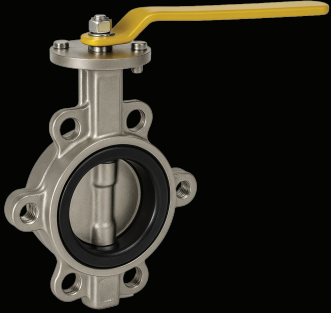
TRIMS: 5, 8, 12, 16, OTHERS  
UPON REQUEST  
OPERATOR: HANDWHEEL,  
GEAR OP  
NACE  
MODS BY REQUEST



FORGED GATE, GLOBE, CHECK  
(BALL, PISTON, SWING) API602  
SIZE RANGE: 1/2" – 2"  
PRESSURE CLASS: 150 – 2500  
END CONNECTIONS: THD, SW,  
BW, RF, RTJ  
BODY MATERIALS: A105N, LF2,  
316SS  
TRIMS: 5, 8, 12, 16, OTHERS  
UPON REQUEST

OPERATOR: ROUND OR OVAL  
HANDLE  
PORT: FULL OR STANDARD  
BONNET OPTIONS: BOLTED  
BONNET (BB), WELDED BONNET  
(WB), PRESSURE SEAL (PS)  
NACE

# Butterfly Valves



**RESILIENT SEATED BUTTERFLY**  
**SIZE RANGE:** 2" – 48"  
**PRESSURE CLASS:** PN10/16/25/40,  
CLASS 150-300  
**BODY MATERIALS:** DI, WCB,  
CF8M  
**BODY DESIGN:** LUG, WAFER,  
FLANGED, GROOVED  
**DISC:** DI/NP, SS, AL-BR, DUPLEX

**SEAT:** EPDM, NBR, VITON, PTFE  
**OPERATION:** LEVER, GEAR,  
ACTUATOR, CHAIN WHEEL  
**ISO 5211 MOUNTING PAD**  
**NACE AVAILABLE**



**HIGH PERFORMANCE**  
**BUTTERFLY**  
**SIZE RANGE:** 2" – 48"  
**PRESSURE CLASS:** PN50-1200,  
CLASS 150-600  
**BODY MATERIALS:** WCB, LCC,  
CF8M, A20, DUPLEX  
**BODY DESIGN:** LUG, WAFER,  
FLANGED, BW  
**DISC:** SS, DUPLEX, AL-BR, A20

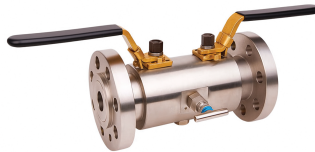
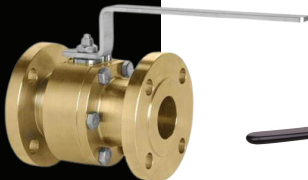
**SEAT:** METAL, RPTFE, PTFE  
**OPERATION:** LEVER, GEAR,  
ACTUATOR, CHAIN WHEEL  
**ISO 5211 MOUNTING PAD**  
**NACE**



**TRIPLE OFFSET BUTTERFLY**  
**SIZE RANGE:** 3" – 48"  
**PRESSURE CLASS:** PN16-100,  
CLASS 150-600  
**BODY MATERIALS:** WCB, LCC,  
CF8M, A20, DUPLEX  
**BODY DESIGN:** LUG, WAFER,  
FLANGED, BW  
**DISC:** SS, DUPLEX, AL-BR, A20,  
OVERLAY OPTIONS

**SEAT:** METAL, RPTFE, PTFE  
**OPERATION:** LEVER, GEAR,  
ACTUATOR, CHAIN WHEEL  
**ISO 5211 MOUNTING PAD**  
**NACE**

# Specialty Valves



**CRYOGENICS, DOUBLE BALL**  
**FLOATERS/TRUNNIONS,**  
**SUBSEA, ALUMINUM BRONZE**  
**BODIES. SET VALVES**  
**WELCOMES A CHALLENGE!**





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**[www.setvalves.com](http://www.setvalves.com)**

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