

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: GRAPHICE
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: DEVLO, 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

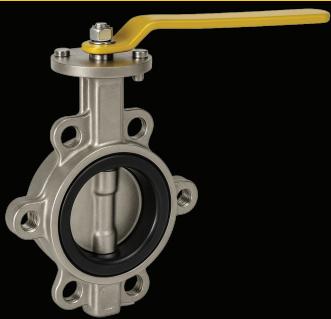
TRIMS: 5, 8, 12, 16, OTHERS
UPON REQUEST
OPERATOR: HANDWHEEL,
GEAR OP
NACE
MODS BY REQUEST



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



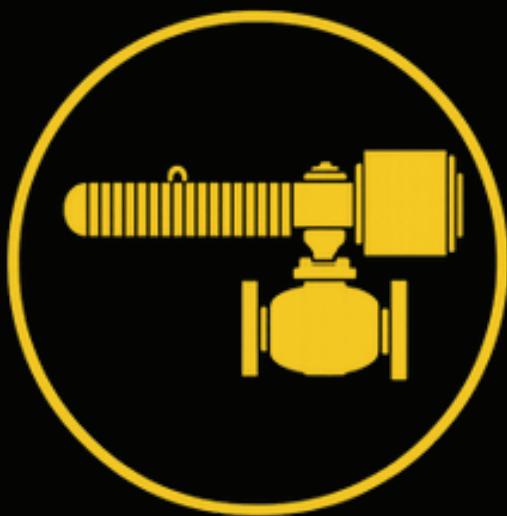
TRIPLE OFFSET BUTTERFLY
SIZE RANGE: 3" – 48"
PRESSURE CLASS: PN16-100,
CLASS 150-600
BODY MATERIALS: WCB, LCC,
CF8M, A20, DUPLEX
BODY DESIGN: LUG, WAFER,
FLANGED, BW
DISC: SS, DUPLEX, AL-BR, A20,
OVERLAY OPTIONS

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
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