

Y-PATTERN GLOBE VALVES

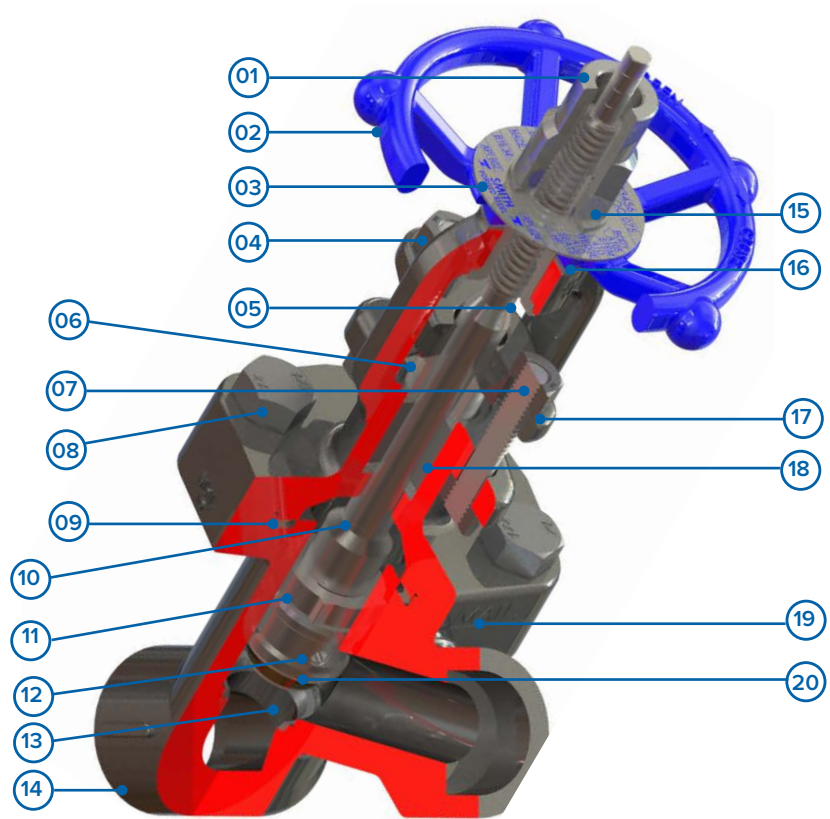
BOLTED OR WELDED BONNET



DESIGN & CONSTRUCTION

- API 602 & ASME B16.34
- Bolted bonnet & welded bonnet designs
- Conventional and Full port
- Threaded, Socketweld & Buttweld ends class 800 & 1500
- Nameplate serialized for full traceability
- API 622 and API 624 qualified packing for low emissions
- Integral Stellite Seat
- Non-rising handwheel
- Stem with position indicator

- 01 INDICATOR NUT
- 02 HANDWHEEL
- 03 NAMEPLATE
- 04 YOKE NUT
- 05 GLAND NUT
- 06 GLAND
- 07 GLAND BOLT
- 08 BONNET BOLT
- 09 GASKET
- 10 STEM
- 11 LOCK PLATE
- 12 DISC WIRE
- 13 SEAT HARD FACE
- 14 BODY
- 15 LOCK WASHER
- 16 THRUST WASHER
- 17 GLAND FLANGE
- 18 PACKING SET
- 19 BONNET
- 20 DISC



**YG80
YG87**

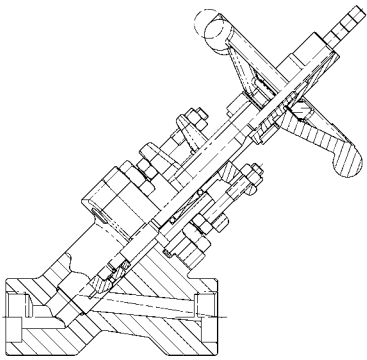
DIMENSIONAL DATA

Forged Globe OS&Y

Sizes: 1/2" - 2"

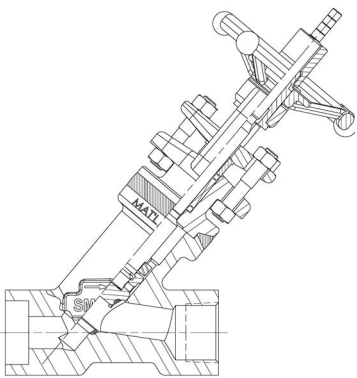
Pressure Class: 800

End Connections - Threaded or Socketweld



YG80

CLASS 800 BOLTED BONNET Y-PATTERN GLOBE VALVE - FULL PORT THREADED or SOCKETWELD ENDS (IN.)				
VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HANDWHEEL DIAMETER	APPROX. WEIGHT LBS
1/2	4.72	6.23	4.0	5.8
3/4	4.72	6.23	4.0	5.7
1	5.12	7.52	5.5	9.0
1 1/2	7.17	10.12	6.6	20.4
2	7.68	10.75	6.6	26.0



YG87

CLASS 800 WELDED BONNET Y-PATTERN GLOBE VALVE - CONVENTIONAL PORT THREADED or SOCKETWELD ENDS (IN.)				
VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HANDWHEEL DIAMETER	APPROX. WEIGHT LBS
1/2	4.72	6.23	4.0	5.8
3/4	4.72	6.23	4.0	5.7
1	5.12	7.52	5.5	9.0
1 1/2	7.17	10.12	6.6	20.4
2	7.68	10.75	6.6	26.0

YG15 YG17

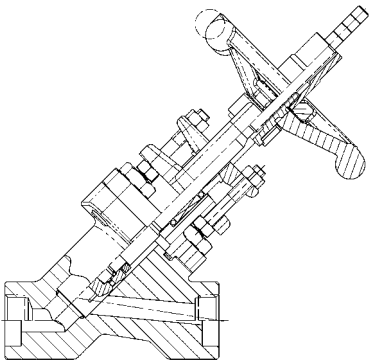
DIMENSIONAL DATA

Forged Globe OS&Y

Sizes: 1/2" - 2"

Pressure Class: 1500

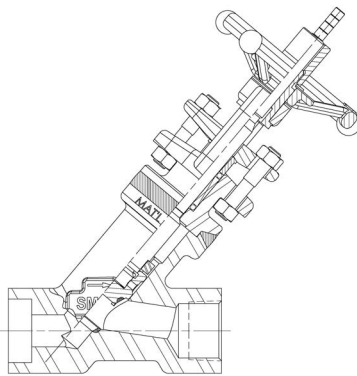
End Connections - Threaded or Socketweld



YG15

**CLASS 1500 BOLTED BONNET Y-PATTERN GLOBE VALVE - FULL PORT
THREADED or SOCKETWELD ENDS (IN.)**

VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HANDWHEEL DIAMETER	APPROX. WEIGHT LBS
1/2	4.72	6.23	4.0	5.8
3/4	4.72	6.23	4.0	5.7
1	5.12	7.52	5.5	9.0
1 1/2	7.17	10.12	6.6	20.4
2	7.68	10.75	6.6	26.0



YG17

**CLASS 1500 WELDED BONNET Y-PATTERN GLOBE VALVE - CONVENTIONAL PORT
THREADED or SOCKETWELD ENDS (IN.)**

VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HANDWHEEL DIAMETER	APPROX. WEIGHT LBS
1/2	4.72	6.23	4.0	5.8
3/4	4.72	6.23	4.0	5.7
1	5.12	7.52	5.5	9.0
1 1/2	7.17	10.12	6.6	20.4
2	7.68	10.75	6.6	26.0

Y-PATTERN GLOBE VALVES

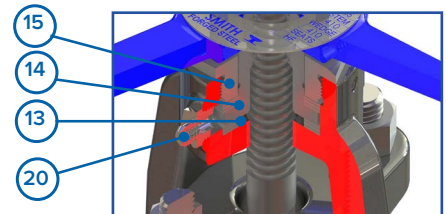
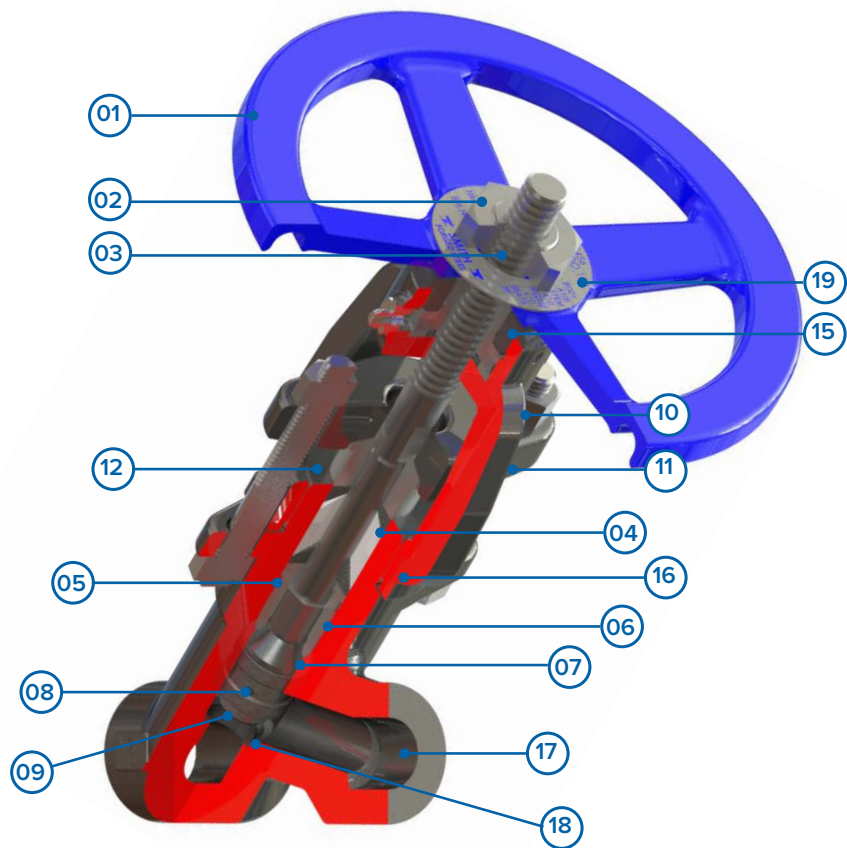
BONNETLESS DESIGN



DESIGN & CONSTRUCTION

- API 598 & ASME B16.34
- Bonnetless design
- Full port
- Threaded, Socketweld, Buttweld, ends class 1690, 2690 & 4500
- Bonnet constructed of forged steel with integral backseat
- Nameplate serialized for full traceability
- Non-rising handwheel

- 01 HANDWHEEL
- 02 HANDWHEEL NUT
- 03 STEM
- 04 PACKING
- 05 PACKING RING
- 06 BACK SEAT BUSHING
- 07 BACK SEAT RING
- 08 DISC WIRE
- 09 DISC
- 10 GLAND STUD NUT
- 11 GLAND FLANGE
- 12 GLAND BUSHING
- 13 THRUST BEARING
- 14 YOKE NUT
- 15 YOKE NUT RETAINER
- 16 YOKE
- 17 BODY
- 18 SEAT HARD FACE
- 19 NAMEPLATE
- 20 GREASE FITTING



**Y162
Y262
Y452**

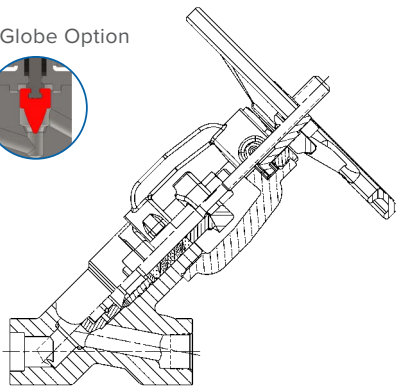
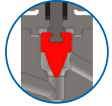
DIMENSIONAL DATA

Forged Y-Globe OS&Y - Full Port
Sizes: 1/2" - 2"

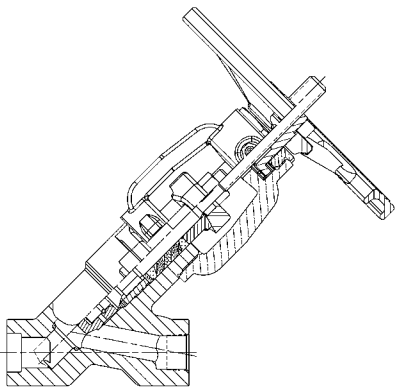
Pressure Class: 1690/2690/4500

End Connections - Threaded, Socketweld, or Buttweld

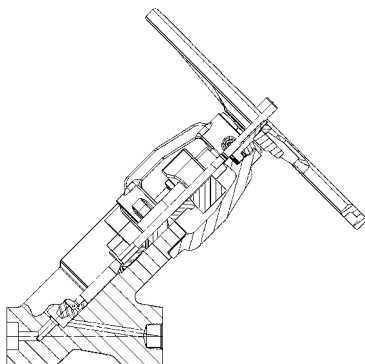
Needle Globe Option



Y162



Y262



Y452

CLASS 1690 BONNETLESS Y-PATTERN GLOBE VALVE THREADED, SOCKETWELD or BUTTWELD ENDS (IN.)

VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HANDWHEEL DIAMETER	APPROX. WEIGHT LBS
1/2	5.51	11.3	9.8	22
3/4	5.51	11.3	9.8	22
1	6.30	11.9	9.8	27
1 1/4	8.27	17.6	15.7	85
1 1/2	8.27	17.6	15.7	85
2	10.24	21.3	19.7	138

CLASS 2690 BONNETLESS Y-PATTERN GLOBE VALVE THREADED, SOCKETWELD or BUTTWELD ENDS (IN.)

VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HANDWHEEL DIAMETER	APPROX. WEIGHT LBS
1/2	5.51	11.3	9.8	22
3/4	5.51	11.3	9.8	22
1	6.30	11.9	9.8	27
1 1/4	8.27	17.6	15.7	85
1 1/2	8.27	17.6	15.7	85
2	10.24	21.3	19.7	138

CLASS 4500 BONNETLESS Y-PATTERN GLOBE VALVE SOCKETWELD or BUTTWELD ENDS (IN.)

VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HANDWHEEL DIAMETER	APPROX. WEIGHT LBS
1/2	8.27	17.6	15.7	89
3/4	8.27	17.6	15.7	89
1	10.24	21.3	19.7	145