



OS&Y, Rising Stem, Flexible Solid Wedge
Bolted Bonnet, Threaded or Welded Seat Ring

STANDARDS COMPLIANCE:

Basic Design: API 600
Face to Face Dimension: ABSI B16.10
End to End Dimension: ANSI B16.10
Flanged Ends Dimension:
2"-24" to ANSI B16.5
26"-36" to MSS SP-44
to API 605 on request
B.W. Ends to ANSI B16.25
Shell wall Thickness:
2"-24" to API 600
26"-36" to Manufacturer's Standard
Manufacturing to NACE MR 01-75 on request

STANDARD MATERIAL SPECIFICATIONS

Part Name	Material										
Body	A216 WCB	A352 LCB	A217 WC1	A217 WC6	A217 WC9	A217 C5	A217 C12	A315 CF8	A351 CF8M	A351 CF3	A351 CF3M
Seat Ring	A105	A350 LF2	A182 F304	A182 F304	A182 F304	A182 F304	A182 F304	A182 F304	A182 F316	A182 F304L	A182 F316L
Wedge	A216 WCB	A352 LCB	A217 WC1	A217 WC6	A217 WC9	A217 C5	A217 C12	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
Stem	A182 F6	A182 F304	A182 F6	A182 F6	A182 F304	A182 F6	A182 F6	A182 F304	A182 F316	A182 F304L	A182 F316L
Bonnet Bolt	A193 B7	A320 L7	A193 B7	A193 B16	A193 B16	A193 B16	A193 B	A193 B7	A193 B7	A193 B7	A193 B7
Bonnet Nut	A194 2H	A194 4	A194 2H	A193 2H	A194 2H	A194 2H	A194 2H	A194 2H	A194 2H	A194 2H	A194 2H
Gasket	Stainless steel and graphite spiral wound										
Bonnet	A216 WCB	A352 LCB	A217 WC1	A217 WC6	A217 WC9	A217 C5	A217 C12	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
Backseat Bushing	A182 F6	A182 F304	A182 F6	A182 F6	A182 F304	A182 F6	A182 F6	A182 F304	A182 F304	A182 F304L	A182 F316L
Stem Packing	Grafoil										
Lantern	A182 F6	A182 F6	A182 F6	A182 F6	A182 F304	A182 F6	A182 F6	A182 F304	A182 F304	A182 F304L	A182 F316L
Pin	Carbon steel										
Gland	A182 F6	A182 F6	A182 F6	A182 F6	A182 F6	A182 F6	A182 F6	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
Gland Flange	A105	A350 LF2	A105	A105	A105	A105	A105	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
Gland Eyebolt	A307 B	A320 L7	A193 B7	A193 B7	A193 B7	A193 B7	A193 B7	A193 B8	A193 B8	A193 B8	A193 B8
Gland Nut	A194 2H	A194 4	A194 2H	A194 2H	A194 2H	A194 2H	A194 2H	A194 8	A194 8	A194 8	A194 8
Stem Nut	C63000 or A439 D2										
Retaining Nut	Carbon Steel										
Handwheel	Ductile Iron or Steel										
H.W.Lock Nut	Carbon Steel										
York	A216 WCB										
Nipple	Carbon steel										