



**Standards**

Design and manufacture: API 6D ANSI B16.34

Face to face dimensions: ANSI B16.10

End flange dimensions: ANSI B16.5

Test: API 6D or API 598

**Type of connection**

RF and RTJ flange ends to ANSI B16.5 standard.

BW flange ends to ANSI B16.25 standard

**Type of operation**

Lever

Connection dimensions of worm gear actuator, electric actuator, pneumatic actuator to ISO 5211 standard

Anti-static constructions "AS" and Fire-resistant constructions "FD"

**MATERIAL LIST**

Part Name	Carbon Steel		Stainless Steel			
	WCB	LCB	CF8	CF8M	CF3	CF3M
Body	A216 WCB	A352 LCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
Bonnet	A216 WCB	A352 LCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
Plug	A105/Ep.Cr	A182 F304	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
Stem	A182 F6	A182 F6	A182 F304	A182 F316	A182 F304L	A182 F316L
Seat Ring	PTFE					
Gasket	PTFE or Stainless Steel and Graphite					
Stem seat	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE
Small spring	17-17PH(inconel for NACE)Ni-Cr Alloy					
Small ball	A182 F304 A182 F316					
Gland	A182 F6	A182 F6	A182 F304	A182 F316	A182 F304L	A182 F316L
Gland flange	A216 WCB	A352 LCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
Stem packing	PTFE or Graphite					
Bonnet Bolt	A193 B7 A320 L7 A320 B8 A193 B8M					
Bonnet Nut	A194 2H A194 4 A194 8					

The material is according to ASTM standard.