



Standards

Design and manufacture: API 6D API 608,
ANSI B 16.34 or BS 5351
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
L-body	A216 WCB	A352 LCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
R-body	A216 WCB	A352 LCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
Ball	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 or POM					
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	A182F304 A182F316					
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 B8A193 B8M					
Bonnet Nut	A194 2H A194 4 A194 8					

The material is according to ASTM standard.