

## Eccentric Plug Valve Range

This eccentric plug valve is the 'valve of choice' for flow throttling and isolation duties of wide-ranging fluids including those with suspended solids.

Designed to AWWA C517 with flanged connections and prepared for actuation.



### Features

- Rectangular port offering full port area
- Welded SS316L/1.4404 seat for maximum corrosion resistance and operation longevity
- SS316/1.4401 stem sleeve acting through PTFE bearing reducing friction and preventing corrosion.
- Plug encapsulated in vulcanised rubber for optimal sealing performance
- Maintainable V-type stem seal packings.
- Bi-directional sealing.
- ISO5211 actuator interface as standard.
- WRAS listed fusion bonded epoxy coated ductile iron body.

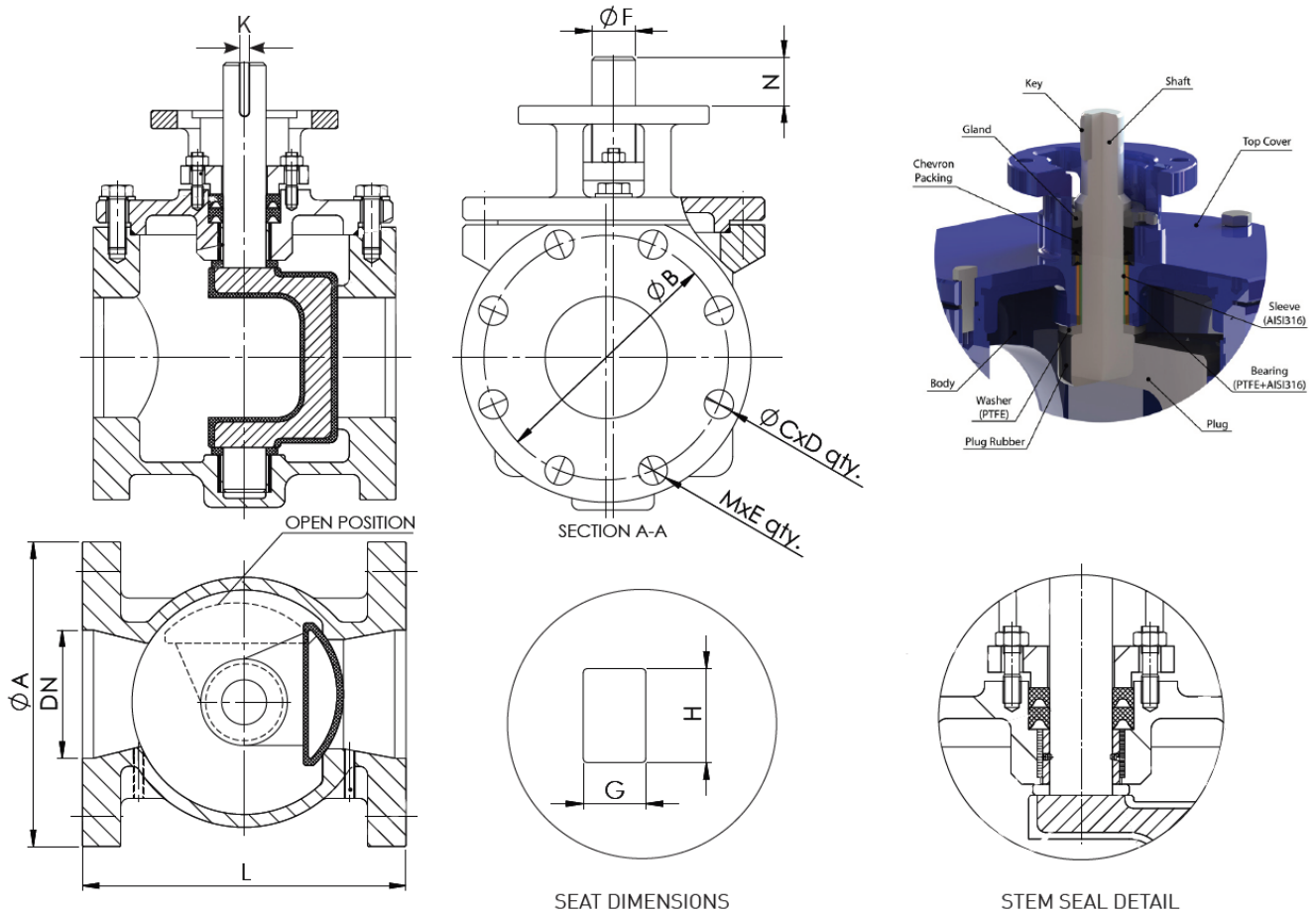
### Technical Details

STANDARD	AWWA C517
RANGE	DN80 - DN300 (larger on request)
FLANGES & DRILLINGS	EN1092 Table 9 (PN16). PN10 or ANSI B16.1 Class 125 on request
FACE TO FACE	EN558, Table 2, Basic Series 3
MAXIMUM WORKING PRESSURE	16 Bar (on seat) 10 Bar (off seat)
MAXIMUM TEMPERATURE	NBR = 80°C / EPDM = 120°C (higher on request)
TESTING	EN12266 (seat: 1.1 x PN / body 1.5 x PN)

### Parts & Material List

PART	MATERIAL
Body	Ductile iron GJS-400-15 coated in fusion bonded epoxy
Cover	Ductile iron GJS-400-15 coated in fusion bonded epoxy
Plug	Ductile iron GJS-400-15 encapsulated in NBR or EPDM
Seat	Stainless steel 1.4404 / SS316L
Stem sleeve	Stainless steel 1.4401 / SS316
Bearings	PTFE + 1.4401/SS316
Thrust washer	PTFE
Seals	NBR or EPDM
Fasteners	A2-70

## Parts & Materials



DN	Dimensions mm												ISO FLANGE	WEIGHT kg
	A	B	C	D	E	F	G	H	K	L	M	N		
80	190	160	-	-	8	20	68	80	6	202	16	30	F10	23
100	229	180	19	4	4	25	84	102	8	228	16	38	F10/F12	30
150	279	240	23	4	4	25	124	153	8	266	20	38	F10/F12	50
200	343	295	23	8	4	30	140	246	8	292	20	45	F10/F12/F14	78
250	406	355	28	8	4	30	165	310	8	330	24	45	F10/F12/F14	113
300	483	410	28	4	8	40	198	370	12	356	24	60	F14/F16	177