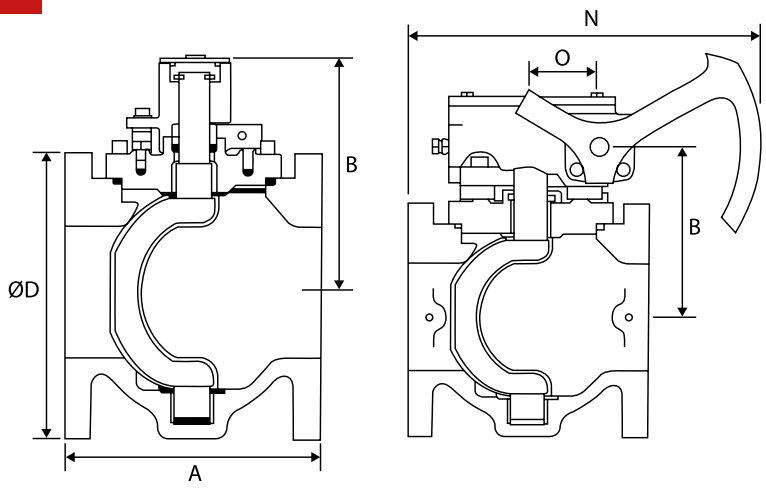
Eccentric Plug Valve - Series 601 DN65 to DN300

Specifications

- Round port design for full flow DN65 - DN300
- Nickel welded seat
- Epoxy seat at DN65 (max temp 50°C)
- Elastomer encapsulated ductile iron plug
- DN65 - DN200 have a 50mm square drive, suitable for a standard waterworks T-key
- Epoxy coated inside and out
- Optional power operation
- Flange drillings: PN10, PN16, ANSI B16.1 Class 125 and Class 250
- Rubber lined option
- Ductile iron option for PN25
- Stainless steel option
- Glass lined option



Eccentric Plug Valve

DN	Dimensions							Weight Class 125	
	PN16, Class 125 A (mm)	Wrench B (mm)	Geared B (mm)	PN16, Class 125 D (mm)	N (mm)	O (mm)	T* (mm)	Wrench (kg)	Geared (kg)
65	191	159	-	178	-	67	241	13	29
80	203	159	-	191	-	67	241	18	34
100	229	184	162	229	152	67	241	30	46
125	254	213	194	254	305	67	241	37	53
150	267	213	194	279	305	67	241	43	59
200	292	273	241	343	305	67	286	86	102
250	330	-	292	406	305	118	295		152
300	356	-	333	483	305	118	295		196

* Centre of body to face of handwheel

Materials & Relevant Standards

Torque collar (up to DN200)
Cast Iron, BS 1452 Gr,
ASTM 220 A126 CLB, DIN 1691 GG25

U-cup seal
As plug coating

Bonnet
Cast Iron, BS 1452 Gr 220,
ASTM A126 CLB, DIN 1691 GG25

'O' ring (up to DN700)
As plug coating

Gasket (DN900 and above)
Asbestos-free

Bearings (up to DN500)
Stainless Steel (permanently lubricated)

Bearings (DN600 and above)
Bronze (permanently lubricated)

Thrust water
PTFE

Plug
Ductile Iron, BS 2789 Gr 500/7,
ASTM A536, DIN 1693 GGG-40

Plug elastomer
As specified

Body
Cast Iron, BS 1452 Gr 220,
ASTM A126 CLB, DIN 1691 GG25

Pressure Rating
PN16 Maximum cwp 16 bar

Hydrostatic Test
Shell: 24 bar
Seat: 17.6 bar

Class 125
Maximum cwp 175 lbf/in2

Hydrostatic Test
Shell: 350 lbf/in2
Seat: 220 lbf/in2

Velocity Limit
Non-abrasive: 10 m/s (30 ft/s)
Abrasive (on/off service): 5 m/s (15 ft/s)
Air: 50 m/s (150ft/s)