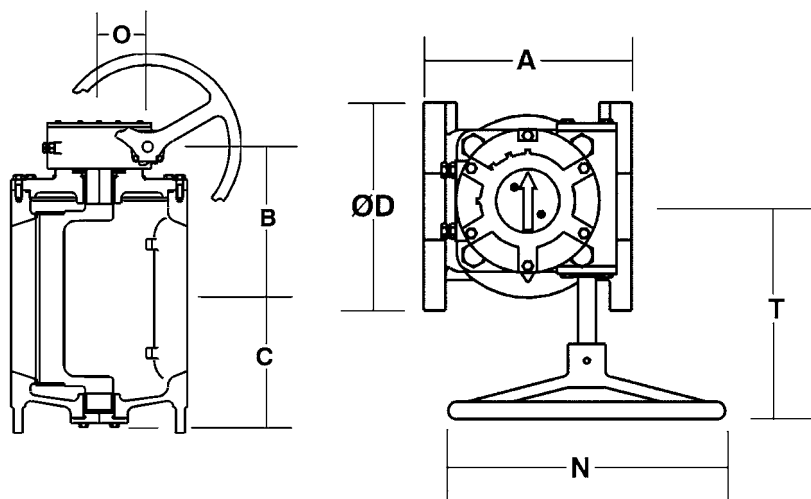


Eccentric Plug Valve - Series 601 DN350 and above

Specifications

- Rectangular ports
- Nickel welded seat
- Gear operated
- Optional power actuation
- Elastomer faced ductile iron plug
- Sizes above DN1400, details available on request
- Flange drillings: PN10, PN16, ANSI B16.1 Class 125 and Class 250
- Ductile iron option for PN25
- Stainless steel option
- Rubber lined option
- Glass lined option



Eccentric Plug Valve

DN	Dimensions							Weight (Geared) (kg)
	PN16, ANSI 125 A (mm)	B (mm)	C (mm)	PN16, ANSI 125 D (mm)	N (mm)	O (mm)	T (mm)	
350	432			533	305	118	295	240
400	451	406	356	591	457	117	381	470
450	546	432	381	635	457	117	381	615
500	597	521	400	699	457	117	381	855
600	1067	584	549	813	610	152	457	1730
700	1295	705	629	984	610	238	559	2360
900	1524	838	737	1168	610	238	610	3160
1000	1829	960	737	1346	765	-	-	4620
1200	2134	960	914	1511	765	-	-	6070
1400	2438	960	914	1683	765	-	-	6870
1600	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
1800	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA

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 washer

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 150 lbf/in2

Hydrostatic Test

Shell: 265 lbf/in2
Seat: 165 lbf/in2

Velocity Limit

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

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