



DESIGN STANDARDS	
Valve Design	BS EN 1171
Connection	Flanged, acc to EN 1092-2
Face to Face Dimensions	EN 558-1 Basic Series 14
Valve Test	EN 12266-1
Marking	EN 19

## TECHNICAL ADVANTAGES

- GGG50 Ductile Iron Body & Bonnet. EPDM vulcanized GGG50 DI wedge.
- Stainless Steel Stem & Brass Stem nut with 3 Orings.
- Soft seated. Suitable for sewage & water applications.
- Better flow values with smaller upper body space
- Inner and outer surface of the valve is powder epoxy coated for all sizes
- Can be supplied with multi-turn electrical actuators

## REMARKS

- eko2101 Series resilient gate valves can be used as ISOLATION VALVES.
- NBR coated wedge can be used for nonflammable oil applications.
- Resilient Seat Gate valves are all non-rising stem type.
- Electrical actuator connection is succeeded with an intermediary top flange

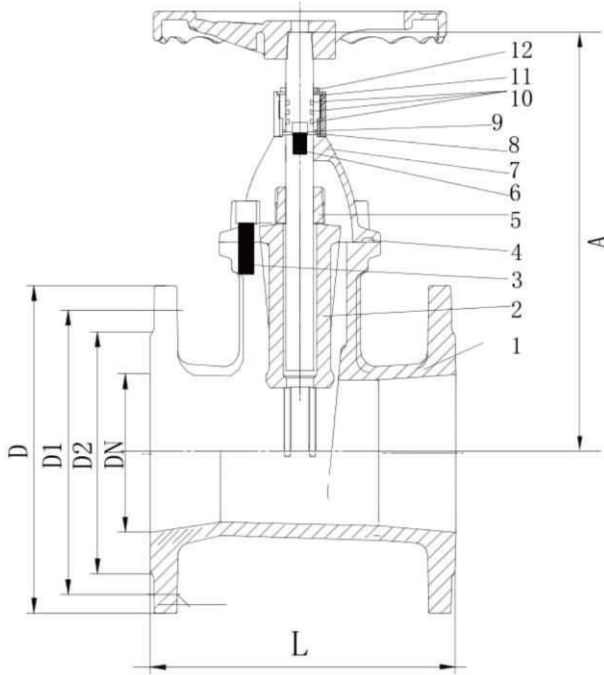
## APPLICATIONS

Application fields and temperatures of eko2101 Series valves vary according to the selection of the seat.

Please choose and order the seat material considering the requirements of application.



## TECHNICAL DRAWING



## MATERIAL OF PARTS

No.	Part Name	Material
1	Body	GGG50
2	Gate	GGG50+EPDM
3	Bonnet Bolts	Steel 8.8 + Wax
4	Bonnet Gasket	NBR / EPDM
5	Stem Nuts	Brass
6	Stem	2Cr13
7	Bonnet	GGG50
8	Splint Collar	Iron+Electroplate
9	Gasket	Nylon
10	"O" Ring	NBR / EPDM
11	"O" Ring	NBR / EPDM
12	Gland	Brass

## DIMENSIONS TABLE

RESILIENT SEATED GATE VALVE DIMENTION TABLE PN10, PN16, PN25									
Nominal Diameter and Pressure Anma Çapı ve Basıncı (mm)	D (mm)	D1 (mm)	D2 (mm)	f (mm)	d 1 (mm)	I delik çapı ve adedi/ I (hole diameter and Qty)	L (F4) (mm)	L (F5) (mm)	H (mm)
Ø50 (PN 10-16-25)	165	125	99	3	16	Ø18x4	150	250	220
Ø65 (PN 10-16-25)	185	145	118	3	16	Ø18x4	170	270	245
Ø80 (PN 10-16-25)	200	160	132	3	18	Ø18x8	180	280	385
Ø100 (PN 10-16-25)	220	180	156	3	18	Ø18x8	190	300	320
Ø125 (PN 10-16-25)	250	210	184	3	18	Ø19x8	200	325	350
Ø150 (PN 10-16-25)	285	240	211	3	18	Ø22x8	210	350	400
Ø200 (PN 10)	340	295	266	3	26	Ø22x8	230	400	500
Ø200 (PN 16)	340	295	266	3	26	Ø22x12	230	400	500
Ø200 (PN 25)	360	310	274	3	26	Ø28x12	230	400	500
Ø250 (PN 10)	405	350	319	3	26	Ø23x12	250	450	620
Ø250 (PN 16)	405	355	319	3	26	Ø28x12	250	450	620
Ø250 (PN 25)	425	370	330	3	26	Ø30x12	250	450	620
Ø300 (PN 10)	445	400	370	3	26	Ø28x12	270	500	650
Ø300 (PN 16)	460	410	370	3	26	Ø28x16	270	500	650
Ø300 (PN 25)	485	430	389	3	26	Ø31x16	270	500	650
Ø350 (PN 10)	505	460	429	3	26	Ø23x16	290	550	730
Ø350 (PN 16)	520	470	429	3	26	Ø28x16	290	550	730
Ø350 (PN 25)	555	490	448	3	26	Ø34x16	290	550	730
Ø400 (PN 10)	565	515	480	3	28	Ø28x16	310	600	830
Ø400 (PN 16)	580	525	480	3	28	Ø31x16	310	600	830
Ø400 (PN 25)	620	550	503	3	28	Ø37x16	310	600	830