eko2101
DUCTILE IRON RESILIENT SEAL GATE VALVE

DESIGN STANDARDS	
Valve Design	BS EN 1171
Connection	Flanged, acc to EN 1092-2
Face to Face Dimensions	EN 558-1 Basic Series 14 (F4)
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

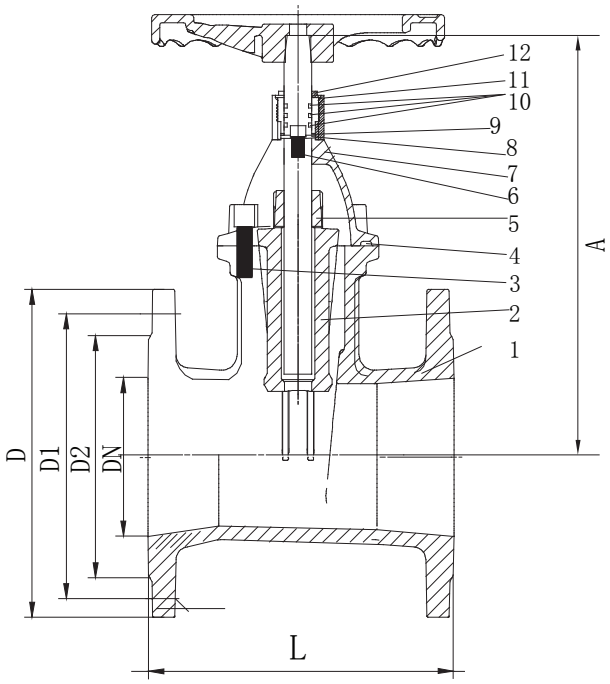
Application fields and temperatures of eko2101 Series valves vary according to the selection of the seat.

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

EKOVAL

eko2101
DUCTILE IRON RESILIENT SEAL GATE VALVE

TECHNICAL DRAWING



MATERIAL OF PARTS

No.	Part Name	Material
1	Body	GGG50
2	Gate	GGG50+EPDM
3	Bonnet Bolts	Steel8.8 + 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

DN	L (mm)	A (mm)	Flange Dimensions to DIN2501 (mm)										Weight
			D		D1		D2		f	b	n-d		KG/PCS
	F4		1.0 MPa	1.6 MPa	1.0 MPa	1.6 MPa	1.0 MPa	1.6 MPa			1.0 MPa	1.6 MPa	F4
50	150	230	160		125		99		2	15	4-19		8
65	170	230	179		145		118		2	15	4-19		9
80	180	240	194		160		132		2	16	8-19		11
100	190	260	220		180		156		2	16	8-19		14
125	200	330	250		210		184		2	18	8-19		22
150	210	360	276		240		211		2	18	8-23		27
200	230	450	330		295		266		3	20	8-23	12-23	50
250	250	550	385	395	350	355	319		3	22	12-23	12-28	75
300	270	670	435	450	400	410	370		3	24	12-23	12-28	94
350	290	870	505	520	460	470	429		4	24,5	16-23	16-28	165
400	310	1010	565	580	515	525	480	489	4	24,5	16-28	16-31	230

EKOVAL