RESILIENT SEAT GATE VALVE
FLANGED ENDS DIN NP 10/16/25 – F4 / F5

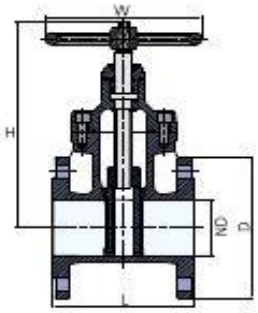
resilient seat gate valve 70, made of ductile iron GGG50 was designed and elaborated to satisfy needs in various fields as supplying, pumping, service of drinking water, treatment, pumping of dirty waters, irrigation, hydraulic or public works...

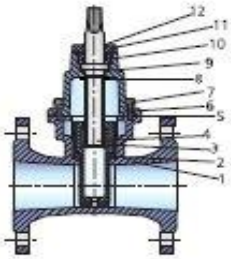
RANGE: from ND 40 to ND 600.
WORKING PRESSURE: NP 10/16/25.
FACE TO FACE LENGTH: DIN 3202 • F4 / F5.
COATING: EPOXY 250µmm.
TEMPERATURE: from -10°C to 80°C

FULL BORE
TIGHTNESS 100 %
MINIMUM HEAD LOSS
REPACKABLE UNDER PIPELINE PRESSURE
LOW TORQUE VALUES

ND	L F4	L F5	H	w	D NP10	D NP16	D NP25
40	140	240	260	125	150	150	150
50	150	250	270	175	165	165	165
65	170	270	283	175	185	185	185
80	180	280	311	175	200	200	200
100	190	300	352	300	220	220	235
125	200	325	435	300	250	250	270
150	210	350	485	300	285	285	300
200	230	400	520	350	340	340	360
250	250	450	632	400	395	405	425
300	270	500	745	400	445	460	485
350	290	550	835	400	505	520	555
400	310	600	953	400	565	580	620
450	330	650	1120	700	615	640	670
500	350	700	1320	700	670	715	730
600	390	800	1445	700	780	840	845

Dimentions in mm.





	DESCRIPTION	MATERIAL
1	BODY	DUCTILE IRON GGG50
2	WEDGE	DUCTILE IRON GGG50 / RESILIENT
3	STEM NUT	BRONZE
4	STEM	STAINLESS STEEL AISI 410
5	GASKET	NBR
6	BONNET	DUCTILE IRON GGG50
7	NUT	CADMIUN STEEL
8	O RING	NBR
9	NUT	PTFE
10	GASKET	NBR
11	NUT	BRONZE
12	GASKET	NBR
	HAND WHEEL	STEEL ST37

Detail to TRITORIC system

TRITORIC SYSTEM: Made of three "O" rings seals which guarantee total tightness for the long term. The design of the valve, according to DIN 3350, makes possible a substitution of the combined TRITORIC, even if the valve is under pressure, without dismounting out of the pipeline.

The valve's bonnet is manufactured with the necessary space to receive the combined bonnet-body's gasket, in order to have a better support area which allows total tightness.