



GTK-16N

NON-RISING STEM, RESILIENT GATE VALVE

 **AYVAZ**

GTK-16N NON-RISING STEM, RESILIENT GATE VALVE



GENERAL FEATURES

Non rising stem resilient gate valves are designed with rubber coated disc to provide excellent sealing features by the resilient deformation of the rubber. This type of gate valve has been developed in order to prevent the problems of general gate valve such as leakage and rusting also to save installation space by its compact design.

Design Gate valves are named because the part that either stops or allows flow through the valve operates like the opening or closing of a gate. Non-rising stem valve has been

designed with a threaded stem which enables the movement of the gate up and down. This type of valves is preferred when a straight line flow and minimum restriction is needed.

Product Features

Body: Ductile Iron GGG 40.3
 Disc: Rubber Coated Cast Iron
 Gasket: NBREPD
 Connection: Flanged

Max. Operating Temp: 80°C
 Max. Operating Pressure: 16 bar

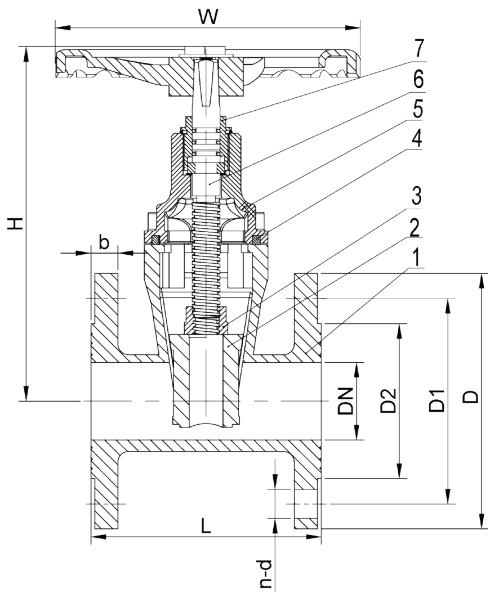
Application Areas

Non-rising stem resilient Gate Valves are used widely in tap water applications and sewage treatment in many industries such as;

- Shipping Construction
- Petroleum
- Chemicals
- Food
- Pharmacy
- Textile
- Electric Power
- Metallurgy and Energy System

PRODUCT FEATURES	
Body	Ductile Iron GGG 40.3
Disc	Rubber Coated Cast Iron
Gasket	NBR/EPDM
Connection	Flanged
Max. Operating Temp.	80°C
Max. Operating Pressure	16 bar

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Working Condition

Working Pressure : 16Bar - DN300 & below
 Working Temperature : -10 to 110 Deg C

Standard

Design according to standard : EN1171/DIN3352
 Pressure test according to standard : EN12266-1
 Face to face according to standard : DIN3352 F4
 Flange drilled according to standard : EN1092-2 PN16

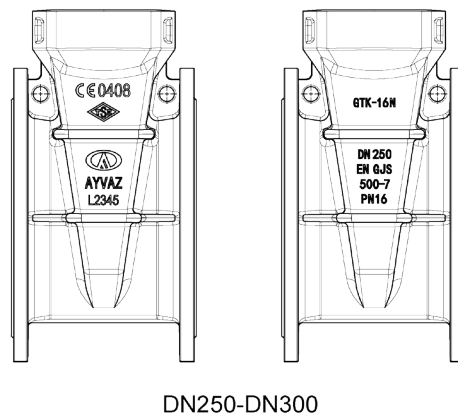
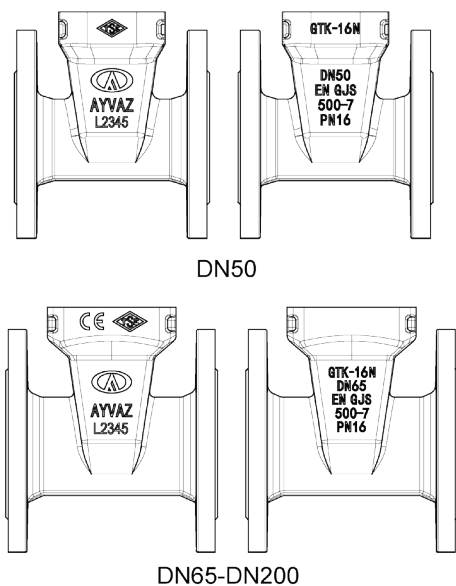
Applicable Fluid

Water, warm water & sea water

Material

No	Part Name	Material
1	Body	Ductile Iron
2	Disc	Ductile Iron coated with EPDM
3	Stem Nut	Brass
4	Bonnet Gasket	NBR
5	Bonnet	Ductile Iron
6	Stem	SS420
7	Bonnet Nut	Brass

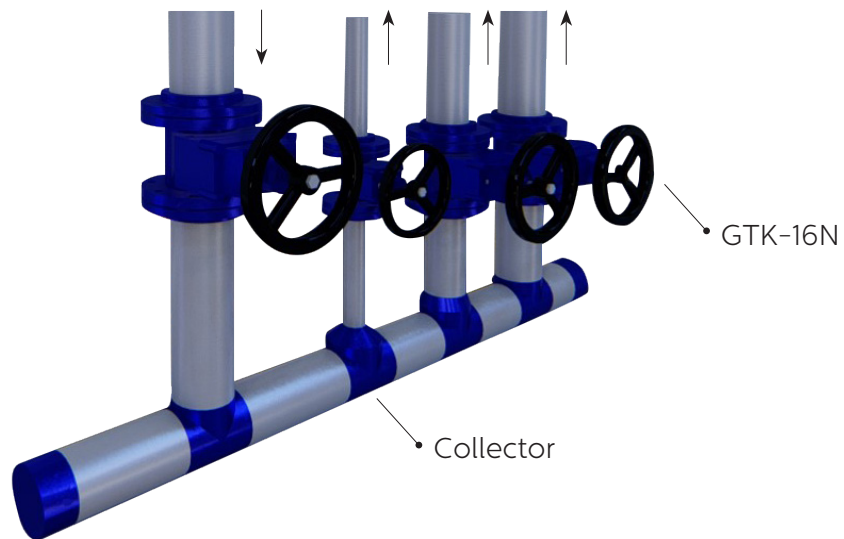
DN	L	D	D1	D2	b	n - d	H	W
50	150	165	125	99	19	4-19	230	200
65	170	185	145	118	19	4-19	270	200
80	180	200	160	132	19	8-19	275	200
100	190	220	180	156	19	8-19	310	250
125	200	250	210	184	19	8-19	395	250
150	210	285	240	211	19	8-23	410	315
200	230	340	295	266	20	12-23	505	315
250	250	405	355	319	22	12-28	600	380
300	270	460	410	370	24.5	12-28	690	380
350	290	520	470	429	26.5	16-28	790	480
400	310	580	525	480	28	16-31	880	480
450	330	640	585	520	30	20-31	980	480
500	350	715	650	609	31.5	20-34	1065	600
600	390	840	770	720	36	20-37	1280	600



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3D INSTALLATION SAMPLE



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