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UNI-FLO QB KNIFE GATE VALVE



UNI-DIRECTIONAL KNIFE GATE VALVE

Size Range: DN50 - DN600
Pressure Rating: DN50 - DN100 16bar
DN125 - DN200 14bar
DN250 - DN300 12bar
DN350 - DN400 10bar
DN450 - DN500 8bar
DN600 5bar

Flange Connection: Wafer Type
Body Material: SG Iron BS 420/12
Gate Material: SS304
Body Seal & Seat Seal: EPDM
Flanges: BS4504 T/10. Others on request

FEATURES

- Uni-directional sealing
- One piece wafer body
- Full bore unrestricted flow
- Replaceable EPDM seal, locked in with a metal ring

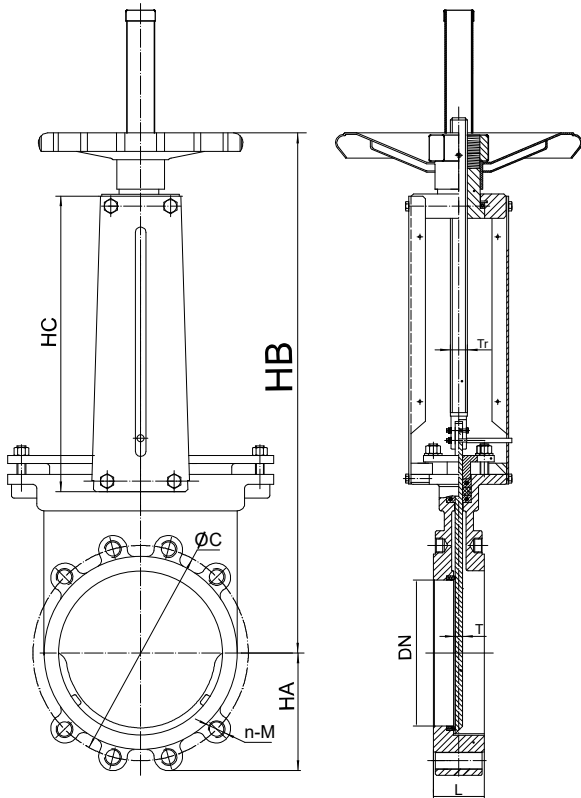
APPLICATIONS

- Pulp and paper
- Sewage
- Chemical treatment
- Water Treatment
- Brewing

SPECIFICATION

The valve will consist of a wafer type, one piece body. The valve must seal at maximum operating pressure in the direction of flow. The valve must have a replaceable rubber seal set in a seat groove and locked by a metal ring, preventing movement during opening and closing of the gate. The valve must seal to atmosphere at all times. The valve design must allow for unrestricted flow. The valve shall be designed in order to accept a pneumatic actuator.

UNI-FLO QB KNIFE GATE VALVE



DIMENSIONS

DN	L	HA	HB	HC	T	Tr	ØC	n-M (Flange)
50	40	65	289	153	5	Tr20x4	125	4-M16
65	40	70	313	172	5	Tr20x4	145	4-M16
80	50	95	335	182	5	Tr20x4	160	8-M16
100	50	108	380	215	5	Tr20x4	180	8-M16
125	50	124	415	235	6	Tr20x4	210	8-M16
150	60	135	470	260	6	Tr20x4	240	8-M20
200	60	165	580	325	8	Tr25x5	295	8-M20
250	70	198	670	386	8	Tr25x5	350	12-M20
300	80	234	768	439	10	Tr25x5	400	12-M20
350	96	256	900	486	10	Tr35x6	460	16-M20
400	100	292	997	525	12	Tr35x6	515	16-M24

PARTS LIST

	DESCRIPTION	MATERIAL
1	Body	GGG40
2	Seat	EPDM
3	Gate	SS304
4	Retainer	SS304
5	O-Ring	NBR
6	Packing	PTFE+Viton
7	Packing Gland	GGG40
8	Stem	SS304
9	Yoke	Steel
10	Bearing	Steel
11	Lock Nut	Brass
12	Handwheel	Cast Iron
13	Stem Cover	Steel

