

KNIFE GATE VALVE – VGU28 (Rev. 02/2021)

Quality

- ISO 9001 Certificated Company
- CRC Petrobras Certification and Qualification of Company and Products

Main Features

- Function: On/off
- Construction: MSS-SP 81
- Type: Wafer and Semi LUG
- Size: 2" (50mm) to 16" (400mm)
- Flow: Unidirectional
- 100% Tightness
- High performance with full and coated passage

General Application

- Paper, Cellulose, Chemical, Petrochemical, Sugar, Alcohol, etc.
- Liquids in general, mass, pasta and similar

Maximum Pressure (Temperature between 0°C to 70°C)

DN	In.	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
	mm	50	65	80	100	125	150	200	250	300	350	400
CWP(bar)		10	10	10	10	10	10	10	10	7	7	7

Maximum Temperature

EPDM (°C)	PTFE (°C)
-10 to 110	4 to 180

Internal Inspection and Testing (FKB Factory)

- **Hidrostatic:** ISO 5208 GR 3
- **Performance:** FKB Standard (a complete cycle)
- **Painting:** FKB Standard and NBR 14847
- **Visual:** FKB Standard and NBR 15185 / MSS-SP 25
- **Dimensional:** according MSS-SP 81

Flange / Connection

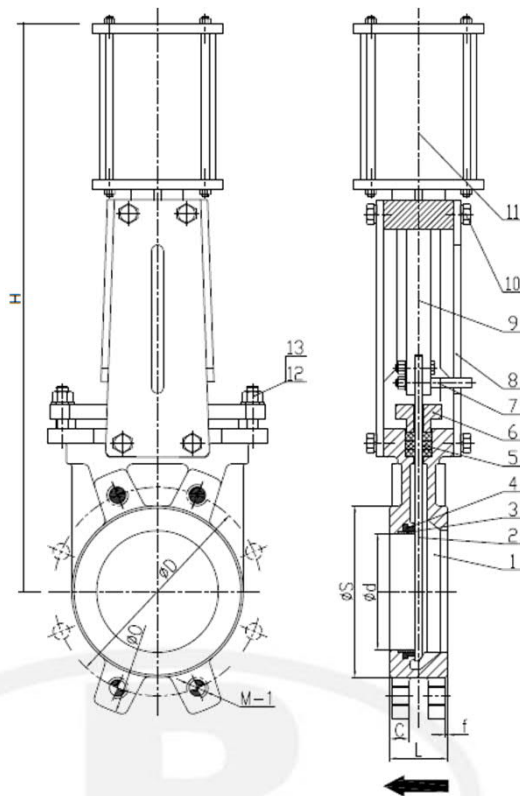
- ANSI B16.5 – 150lbs
- Others on request

Types of Drives

- Manual Steering Wheel
- Pneumatic Actuator

Optional Accessories

- Solenoid Valve
- Limit Switch
- Lubrifil Kit
- Others



**IMMEDIATE
DELIVERY**

Stock subject to change without notice

Material Table

Pos.	Description	Material
1	Monoblock Body	GGG40 / ASTM A351 CF8 / ASTM A351 CF8M
2	Gate	AISI 304 / AISI 316
3	Retainer Ring	AISI 304 / AISI 316
4	Facial Sealing	PTFE / EPDM
5	Superior Sealing	Synthetic Fiber with PTFE+ Silicone Cord
6	Preme	ASTM A216 GR WCB / ASTM A351 CF8 / ASTM A351 CF8M
7	Position Indicator	AISI 420
8	Support	ASTM A36
9	Stem	AISI 304
10	Prisoners Support	Carbon Steel
11	Drive	Manual or Automatic
12	Preme Prisoner	Carbon Steel or Stainless Steel
13	Preme Nut	Carbon Steel or Stainless Steel

(*) other options on request

Dimensions Table

					ANSI B16.5 150 lbs	
DN	H (*)	L	ØDo		ØD	ØE
In.	mm	mm	mm	mm	Nº - M-1	In.
2"	50	430	48	180	04 - 3/8" UNC	4. 3/4"
2 1/2"	65	460	48	180	04 - 3/8" UNC	5. 1/2"
3"	80	510	51	200	04 - 3/8" UNC	6"
4"	100	570	51	200	08 - 3/4" UNC	7. 1/2"
5"	125	660	57	220	08 - 3/4" UNC	8. 1/2"
6"	150	720	67	250	08 - 3/4" UNC	9. 1/2"
8"	200	890	70	300	08 - 3/4" UNC	11. 3/4"
10"	250	1.120	70	350	12 - 7/8" UNC	14. 1/4"
12"	300	1.230	70	350	12 - 7/8" UNC	17"
14"	350	1.370	76	400	12 - 1" UNC	18. 3/4"
16"	400	1.570	89	500	16 - 1" UNC	21. 1/4"

Notes:

1. (*) Measure "H" under consultation for other types of drives;
2. Measures subject to change without notice.

Read More: vendas@fkbalvulas.com.br

FKB INDÚSTRIA DE EQUIPAMENTOS LTDA.
Estrada do Akama, 1300 – Lambari | Guararema – SP | CEP 08900-000
Tel: +55 11 4693-2042 | www.fkbalvulas.com.br