

### Quality

- ISO 9001 Certified Company
- Company and Product Certified and Qualified CRC Petrobras
- ONIP Certified Company

### Main Features

- Operation: On/Off
- Construction: MSS-SP 81
- Type: Wafer and Semi LUG
- Size: 2" (50mm) to 32" (800mm) (\*)
- Flow: Bidirectional with preferred side
- 100% Tightness
- Double seal system
- Rings lining the passage protecting the body
- High performance with full and coated passage
- Cleaning System Attached to the Valve Body

### General Application

- Processes with liquids that have fouling and/or solidification characteristics
- Petrochemical, Food, Pulp and Paper, Sewage treatment plants, etc.

### Maximum pressure (Temperature between 0°C to 30°C)

DN	Pol.	2"	2½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	32"
	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800
	CWP(bar)	10	10	10	10	10	10	8	6	6	6	6	4	4	4	4	4

### Maximum Temperature

EPDM (°C)	METAL (°C)	PTFE (°C)	VITON (°C)
-10 a 110	Alta Temperatura	-20 a 180	-30 a 200

### Internal Testing and Inspection

**Hydrostatic:** ISO 5208 / EN 12266 / MSS SP 151

**Performance:** 1 (one) Complete Cycle (Open and Close)

**Painting:** NBR 14847

**Visual:** NBR 15185

**Fixation:** NBR 7675 / EN 1092 / ANSI B16.5 / ANSI B16.47

**Dimensional:** Approved Drawing / EN 558 / MSS SP81

### Flange / Connection

- ANSI B16.5 - 150lbs
- DIN PN10
- Others on request

### Types of Drives

- Hand wheel
- Gear Reducer
- Pneumatic Actuator
- Hydraulic Actuator
- Electric Actuator

### Optional Accessories

- Solenoid valve
- End of Course Key
- Lubrifil kit
- External Rod Protection
- Others

### Material Table

Pos.	Description	Material
1	Body	ASTM A536 / ASTM A216 WCB / ASTM A 351 CF8 / ASTM A 351 CF8M
2	Connections (Cleaning System)	AISI 304 / AISI 316 / ASTM A36 / Brass
3	Tubbing (Cleaning System)	AISI 304 / AISI 316 / Corrosion resistant plastic (*)
4	Coating Ring	ASTM A216 WCB / ASTM A 351 CF8 / ASTM A 351 CF8M
5	Passage Sealing	PTFE + Metal - Metal / VITON + Metal - Metal / EPDM + Metal - Metal / Metal - Metal
6	Superior Sealing	Synthetic Fiber with PTFE (*)
7	Packing Preme Screws	Carbon Steel / Stainless Steel
8	Knife/ Gate	AISI 304 / AISI 316
9	Fork / Stem Nut	Stainless Steel / Brass
10	Stem	AISI 410
11	Yoke/ Support	Carbon Steel
12	Drive	Manual or Automatic

(\*) other options on request

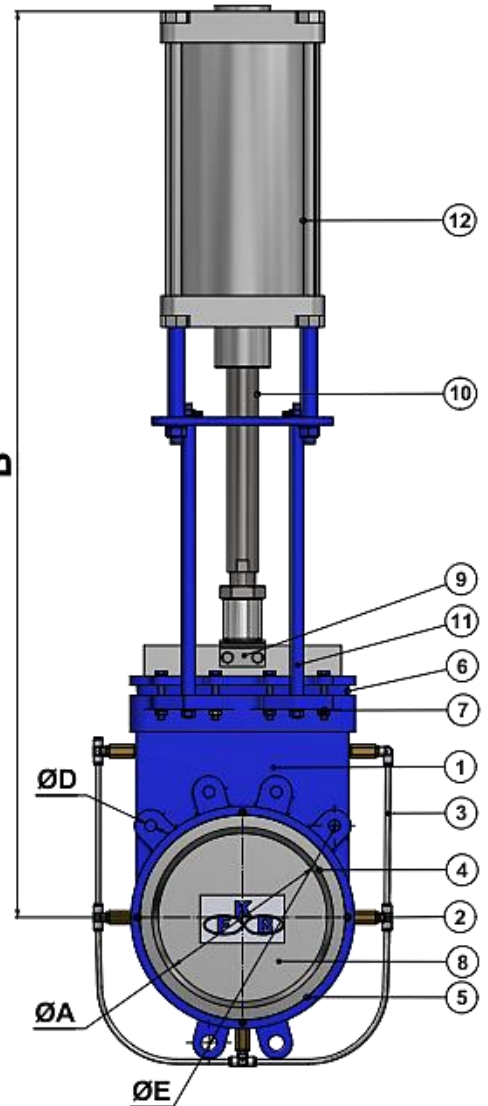
(\*) other options on request

Contact us:  
vendas@fkbalvulas.com.br

### FKB INDÚSTRIA DE EQUIPAMENTOS LTDA.

Estrada do Akama, 1300 – Lambari | Guararema – SP | CEP 08900-000

Tel: +55 11 4693-2042 | Whatsapp: +55 11 94153- 8033 | www.fkbalvulas.com.br



### Dimensions Table

A		B (*)		DIN PN 0		ANSI B16.5150 lbs	
In.	mm	mm	mm	1 ØD	ØE	ØD	ØE
				QTD - ØM	mm	QTD - ØM	Inches
2"	50	546,0	47,75	04 - M16	125	04 - ¾" UNC	4. ¾"
2½"	65	641,0	47,75	04 - M16	145	04 - ¾" UNC	5. ½"
3"	80	720,0	50,80	08 - M16	160	04 - ¾" UNC	6"
4"	100	803,0	50,80	08 - M16	180	08 - ¾" UNC	7. ½"
5"	125	918,5	57,15	08 - M16	210	08 - ¾" UNC	8. ½"
6"	150	1.049,0	57,15	08 - M20	240	08 - ¾" UNC	9. ½"
8"	200	1.130,6	69,85	08 - M20	295	08 - ¾" UNC	11. ¾"
10"	250	1.125,0	69,85	12 - M20	350	12 - ¾" UNC	14. ¾"
12"	300	1.272,6	76,20	12 - M20	400	12 - ¾" UNC	17"
14"	350	1.446,0	76,20	16 - M20	460	12 - 1" UNC	18. ¾"
16"	400	1.614,0	88,90	16 - M24	515	16 - 1" UNC	21. ¼"
18"	450	1.830,0	88,90	20 - M24	565	16 - 1½" UNC	22. ¾"
20"	500	1.985,0	114,30	20 - M24	620	20 - 1½" UNC	25"
24"	600	2.298,0	114,30	20 - M27	725	20 - 1¼" UNC	29. ½"
28"	700	2.656,0	117,30	24 - M27	840	28 - 1¼" UNC	34"
32"	800	3.025,0	117,30	24 - M30	950	28 - 1½" UNC	38. ½"

Notes:

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