

Quality

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

Main Features

- Function: On/off
- Construction: MSS-SP 81
- Type: Wafer and Total LUG
- Size: 3" (80mm) to 24" (600mm)
- Flow: Bidirectional
- 100% Tightness
- High performance with full and coated passage

General Application

- Abrasive processes/liquids, ore slurry, solids in general and similar;

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

DN	Pol.	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
	mm	80	100	150	200	250	300	350	400	450	500	600
CWP(bar)		10	10	10	10	10	10	10	10	6	6	6

Maximum Temperature

EPDM (°C)	VITON (°C)	BORRACHA NATURAL (°C)
110	200	72

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 / MSS SP135

Flange / Connection

- ANSI B16.5 - 150lbs
- DIN PN10 / NBR 7675 PN10
- Others on request

Types of Drives

- Steering wheel manual
- Gear Reducer
- Pneumatic Actuator
- Hydraulic Actuator
- Electric Actuator

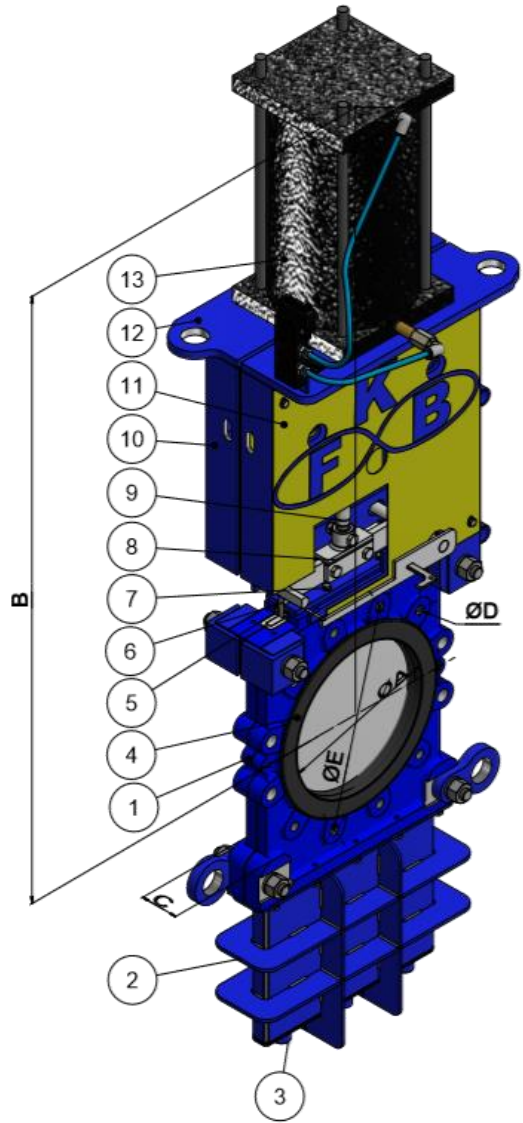
Optional Accessories

- Solenoid valve
- End of Course Key
- Lubrifil kit
- Others

Material Table

Pos.	Description	Material
1	Bipartite Body	ASTM A536
2	Retention Box	ASTM A36
3	Cleaning Plug	Carbon Steel
4	Interchangeable Sleeves	Natural Rubber / EPDM / Viton / Clorobutyl (*)
5	Superior Sealing	Synthetic Fiber with PTFE
6	Gate	AISI 316
7	Packing Preme Screws	Carbon Steel
8	Fork / Stem Nut	Stainless Steel
9	Stem	AISI 410
10	Support / Column	ASTM A36
11	External Stem Protection	Carbon Steel Sheet
12	Table	ASTM A36
13	Drive	Manual or Automatic

(*) other options on request



Dimensions Table

					DIN PN 10		ANSI B16.5 150 lbs	
		A	B (*)	C	ØD	ØE	ØD	ØE
In.	mm	mm	mm	mm	Nº - M-1	mm	Nº - M-1	Inches
3"	80	646	51	51	04 - M16	160	04 - ½" UNC	6"
4"	100	716	51	51	08 - M16	180	08 - ½" UNC	7. ½"
6"	150	869	57	57	08 - M20	240	08 - ¾" UNC	9. ½"
8"	200	1.002	70	70	08 - M20	295	08 - ¾" UNC	11. ¾"
10"	250	1.131	70	70	12 - M20	350	12 - ¾" UNC	14. ¾"
12"	300	1.258	76	76	12 - M20	400	12 - ¾" UNC	17"
14"	350	1.479	76	76	16 - M20	460	12 - 1" UNC	18. ¾"
16"	400	1.650	89	89	16 - M24	515	16 - 1" UNC	21. ¼"
18"	450	1.839	89	89	20 - M24	565	16 - 1.½" UNC	22. ¾"
20"	500	1.988	114	114	20 - M24	620	20 - 1.½" UNC	25"
24"	600	2.535	114	114	20 - M27	725	20 - 1.¾" UNC	29. ½"

Notes:

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