

Quality

- ISO 9001 Certified Company
- Company and Product Certified and Qualified CRCC Petrobras

Main Features

- Operation: On/Off
- Construction: MSS-SP 81 and MSS-SP 135
- Type: Wafer and LUG
- Size: 3" (80mm) to 24" (600mm)
- Flow: Bidirectional
- 100% Tightness
- Interchangeable seats
- Self lubrication system
- Protection plate (NR12)
- High performance with full and coated passage

General Application

- Abrasive processes/liquids, ore slurry, solids in general and similar under high pressure

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)	50	50	50	50	50	50	50	50	50	50	50

Temperatura máxima

EPDM (°C)	VITON (°C)	NATURAL RUBBER (°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 - 300lbs
- DIN PN25 / PN40 / PN50
- Others on request

Types of Drives

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

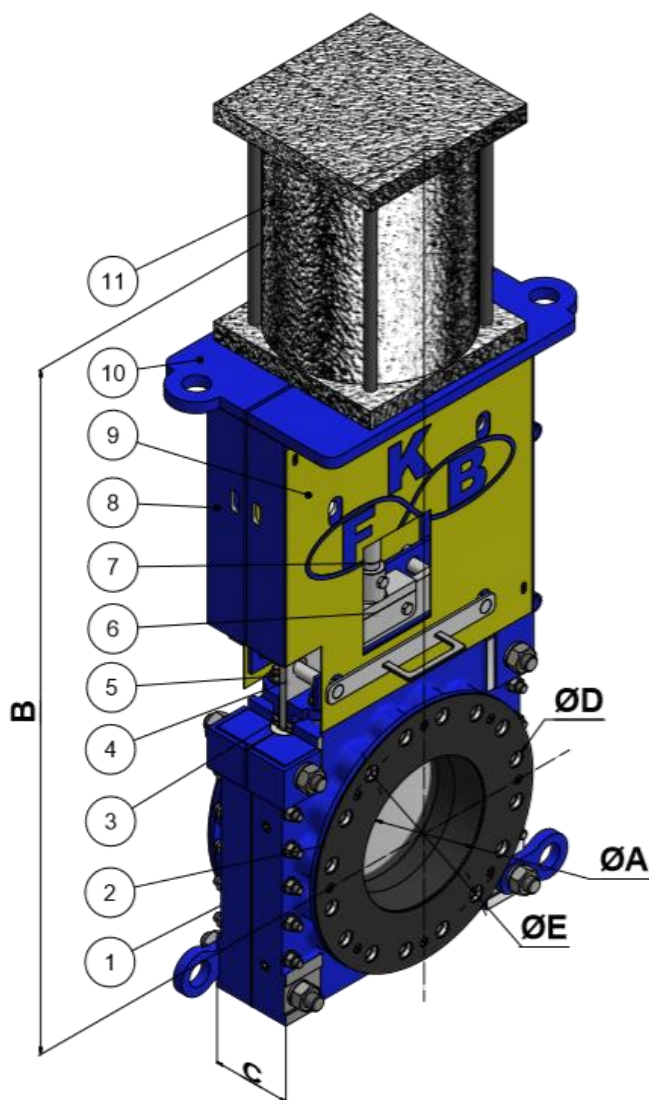
Optional Accessories

- Solenoid valve
- End of Course Key
- Lubrifil kit
- Cleaning Lid
- Cleaning Cover Seal
- Others

Material Table

Pos.	Description	Material
1	Body	ASTM A216 WCB
2	Sleeves	Natural Rubber / EPDM / Viton / Chlorbutyl
3	Superior Sealing	Synthetic Fiber with PTFE
4	Knife/ Gate	17-4PH Heat Treated
5	Packing Preme Screws	Carbon Steel
6	Fork / Stem Nut	Stainless / Brass
7	Stem	AISI 410
8	Yoke	ASTM A36
9	External Stem Protection	Carbon Steel Sheet
10	Support	ASTM A36
11	Drive	Manual or Automatic

Other options on request



Dimensions Table

					DIN PN 25		ANSI B16.5 300 lbs	
		A	B (*)	C	ØD	ØE	ØD	ØE
In.	mm	mm	mm	mm	Nº - M-1	mm	Nº - M-1	Inches
3"	80	616	176	176	08 - M16	160	08 - 3/4" UNC	6.3/8"
4"	100	686	176	176	08 - M20	190	08 - 3/4" UNC	7. 7/8"
6"	150	839	185	185	08 - M24	250	12 - 3/4" UNC	10. 5/8"
8"	200	972	185	185	12 - M24	310	12 - 7/8" UNC	13"
10"	250	1.101	226	226	12 - M27	370	16 - 1" UNC	15. 1/4"
12"	300	1.228	258	258	16 - M27	430	16 - 1 1/2" UNC	17. 3/4"
14"	350	1.449	260	260	16 - M30	490	20 - 1 1/2" UNC	20. 1/4"
16"	400	1.620	279	279	16 - M33	550	20 - 1 3/4" UNC	22. 1/2"
18"	450	1.809	322	322	20 - M33	600	24 - 1 3/4" UNC	24. 3/4"
20"	500	1.958	367	367	20 - M33	660	24 - 1 3/4" UNC	27"
24"	600	2.505	370	370	20 - M36	770	24 - 1 5/8" UNC	32"

Notas:

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