

Quality

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

Principais Características

- Operation: On/Off
- Construction: MSS-SP 81 and MSS-SP 135
- Type: Flanged
- Size: 3" (80mm) to 24" (600mm)
- Flow: Bidirectional
- 100% Tightness
- Interchangeable seats
- Self lubrication system
- Protection screen (NR12)
- 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)		20,6	20,6	20,6	20,6	20,6	20,6	20,6	20,6	20,6	20,6	20,6

Maximum Temperature

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 - 150 and 300lbs
- DIN PN10 / PN20 / PN25
- Others on request

Types of Drives

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

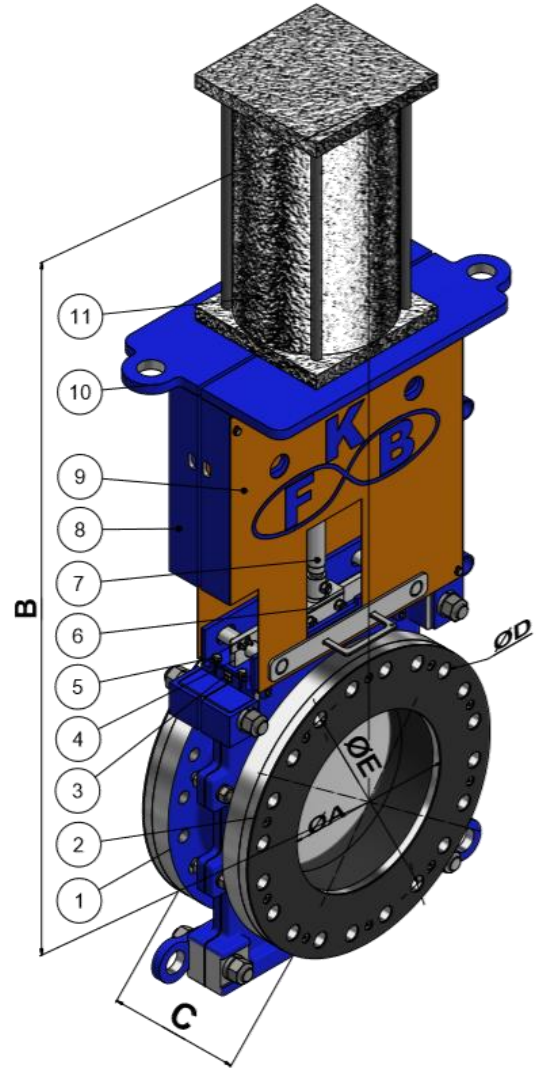
Optional Accessories

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

Material Table

Pos.	Description	Material
1	Body	ASTM A536 Gr. 65-45-12
2	Interchangeable Sleeves	Natural Rubber / EPDM / Viton / Clorobutyl
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	Nº - M-1	mm	Nº - M-1	Inches
3"	80	616	175	08 - M16	160	08 - ¾" UNC	6.¾"
4"	100	686	175	08 - M20	190	08 - ¾" UNC	7. ⅞"
6"	150	839	178	08 - M24	250	12 - ¾" UNC	10. ⅝"
8"	200	972	184	12 - M24	310	12 - ⅞" UNC	13"
10"	250	1.101	225	12 - M27	370	16 - 1" UNC	15. ¼"
12"	300	1.228	257	16 - M27	430	16 - 1. ½" UNC	17. ¾"
14"	350	1.449	257	16 - M30	490	20 - 1. ½" UNC	20. ¼"
16"	400	1.620	279	16 - M33	550	20 - 1. ¾" UNC	22. ½"
18"	450	1.809	311	20 - M33	600	24 - 1. ¼" UNC	24. ¾"
20"	500	1.958	359	20 - M33	660	24 - 1. ¼" UNC	27"
24"	600	2.505	371	20 - M36	770	24 - 1. ¾" UNC	32"

Notes:

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