

Quality

- ISO 9001 Certificated Company
- CRCC Petrobras Certification and Qualification of Company and Products
- ONIP Certification

Main Features

- Operation: On/off
- Construction: MSS-SP 135
- Type: Wafer and LUG
- Size: 3" (80mm) to 32" (800mm)
- Flow: Bidirecional
- 100% Tight
- High performance with full and coated passage for high pressure work

General Application

- High pressure fluids in pulp concentration up to 18%, masses with solids, pastes, carps, liquor, tailings and similar

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

D N	Pol.	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	32"
	mm	80	100	150	200	250	300	350	400	450	500	600	700	800
CWP(bar)		20,6	20,6	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)	METAL (°C)	PTFE (°C)	VITON (°C)
-10 a 110	Alta Temperatura	-20 a 180	-30 a 200

Internal Inspection and Testing

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

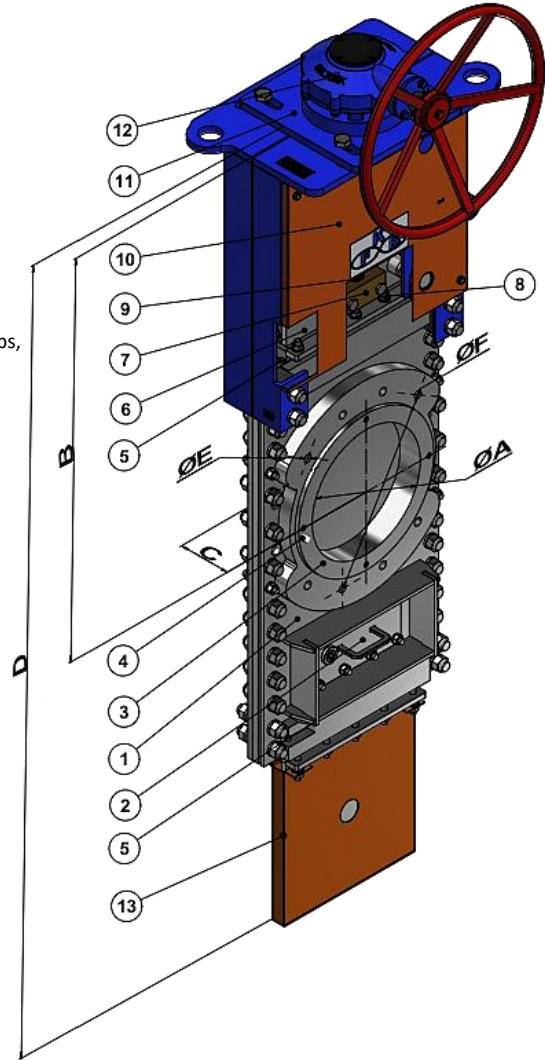
- ANSI B16.5 - 300lbs
- DIN PN25
- Others on request

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	Body	ASTM A36 / AISI 304/ AISI 316
2	Retention Box and Cleaning Lids	ASTM A36/ AISI 304/ AISI 316
3	Coating Ring	ASTM A216 WCB / ASTM A 351 CF8 / ASTM A 351 CF8M
4	Passage Sealing	PTFE + Metal-Metal / Viton + Metal-Metal / Metal-Metal / EPDM + Metal-Metal
5	Upper and Lower Sealing	Synthetic Fiber with PTFE
6	Knife/ Gate	AISI 304 / AISI 316
7	Fork / Stem Nut	Stainless / Brass
8	Packing Preme Screws	Carbon Steel or Stainless Steel
9	Stem	AISI 410
10	External Stem Protection	Carbon Steel Sheet
11	Support/ Yoke	ASTM A36
12	Drive	Manual or Automatic
13	External Knife Protection	Carbon Steel Sheet

(*) other options on request

Dimensions Table

					DIN PN 25		ANSI B16.5 300 lbs	
A	B (*)	C	D (*)	ØE	ØF	ØE	ØF	
In.	mm	mm	mm	Nº - M-1	mm	Nº - M-1	Inches	
3"	80	455	70	08 - M16	160	08 - ¾" UNC	6.¾"	
4"	100	550	70	08 - M20	190	08 - ¾" UNC	7.¾"	
6"	150	705	80	08 - M24	250	12 - ¾" UNC	10.¾"	
8"	200	875	89	12 - M24	310	12 - 7/8" UNC	13"	
10"	250	1.055	119	12 - M27	370	16 - 1" UNC	15.¼"	
12"	300	1.235	127	16 - M27	430	16 - 1.½" UNC	17.¾"	
14"	350	1.405	140	16 - M30	490	20 - 1.½" UNC	20.¼"	
16"	400	1.585	140	16 - M33	550	20 - 1.¾" UNC	22.½"	
18"	450	1.715	159	20 - M33	600	24 - 1.¾" UNC	24.¾"	
20"	500	1.890	189	20 - M33	660	24 - 1.¾" UNC	27"	
24"	600	2.215	216	20 - M36	770	24 - 1.½" UNC	32"	

Notes:

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