

# EKO5200

## WAFER SWING CHECK VALVE



### TECHNICAL ADVANTAGES

- Valve design according to EN 12334
- Face to face length according to EN 558-1
- Wafer connection according to EN 1092-2
- Valve test according to EN 12266-1
- The disc hinged on the body is placed within the flow section.
- Constructed with stainless steel swing.
- A partially open disc creates an obstruction that produces a higher pressure drop and fluttering of the valve disc – disturbing the flow and increasing the chance of water hammer.
- EKO5200 is suitable to eliminate these problems. It has been engineered to accelerate line media through the valve and achieve a virtually unobstructed full opening in low pressure.
- Model EKO5200 fits to BS 4504 PN16 Flanges
- If aligned properly, EKO5200 series Wafer Swing Check Valves can also be used in PN25 Flanges
- Very low opening pressure
- Specially Suitable for food Industry
- Hot and Cold water systems and industrial applications
- 180°C Maximum Temperature for EPDM, 130°C for Viton
- After the flow stops, the disc sits on the EPDM sealing rings placed on the body through disc spring force and maintains %100 tight sealing.

### MATERIAL

- Body: SS304, WCB
- O-Ring: Viton, EPDM
- Disc: SS316, SS304, 1.4301
- Ring: SS304
- Bolt: Stainless Steel Acc. DIN 7991-A2
- O-Ring: Vinton, EPDM
- Eye Screw: Steel

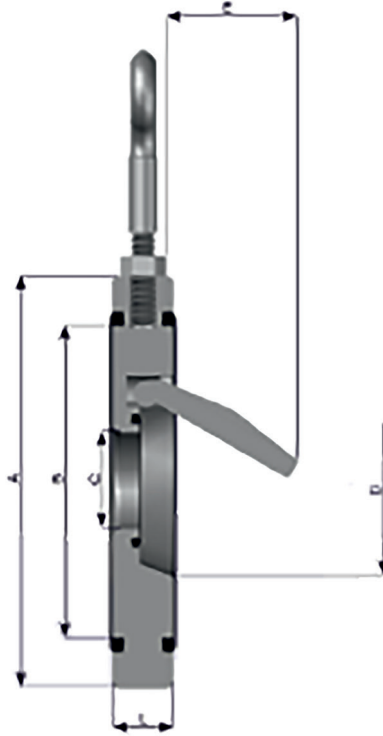


### COATING

- Electrostatic Powder Epoxy (FBE)

### VERSIONS

- Body can be made of galvanized carbon steel or stainless steel. But, disc is made of 1.4301/AISI 304 stainless steel for both types.



Wafer Swing Check Valve Dimension Table

DN	D	d	B	h	Weight (kg)
25	71	11	18	14	0,42
32	81	17	23	14	0,53
40	93	21	27	14	0,70
50	109	32	38	14	0,90
65	129	40	48	14	1,25
80	144	52	58	14	1,52
100	164	70	77	18	2,48
125	194	92	98	18	3,46
150	220	110	114	20	4,80
200	175	163	140	22	7,96
250	330	193	188	26	13,32
300	380	234	225	28	16,00
350	440	270	275	35	24,80
400	490	305	305	40	33,40