ANSI125/150 Bolt Circle

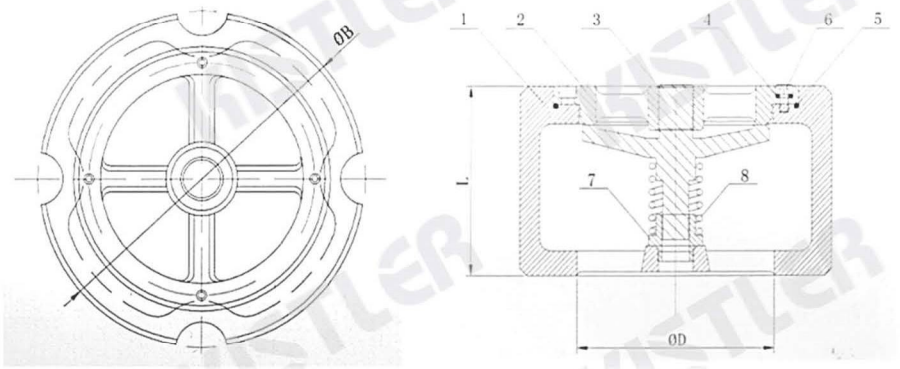

Fig. SLC - 605

FEATURE and APPLICATION

1. Eliminate water hammer with a check valve that operate smoothly and silently itself. This series features hand - lapped bronze to bronze seating with special stainless steel spring control to ensure positive, noiseless opening and closing.

2. The mating surfaces of the seat and disc are hand lapped. The disc is fully guided at the top and bottom to prevent binding and cocking. Parts can be replaced in the field - no special tools required. Disc for all sizes open with less than one pound per square inch pressure.

INSTALLATION

Equally effective installed vertically, horizontally and angle, consult factory for downward vertical flow. Westrongly suggest the installation of stainless in the piping, located before the pump. This inexpensive measure will insure protection for both the pump and valve.

CONSTRUCTION

Bodies are cast from Class B iron in accordance with ASTM A126. Bronze parts in accordance with ASTM B62 and spring are stainless steel, ASTM A276 type 302.

CAUTION

Not suggested for installations in sewage ejector piping nor are they recommended for use with reciprocal compressors or pumps.

SPECIFICATION

- Designed and Manufacture: KISTLER Standard.
- Face to Face dimensions : ASME B16.1
- Pipe Flanges and Flanges ends : ASME B16.1

PERFORMANCE

Nominal Diameter (mm.)		80 (3") - 300 (12")
Max.Working Pressure		232 psi. (16 bar)
Test : Hydrostatic	Body	333 psi. (23 bar)
	Seat	232 psi. (16 bar)

DIMENSIONS

Unit : mm

SIZE mm.	SIZE inch	L	Ø B	Ø D
50	2"	67	108	59
65	2.1/2"	73	127	80
80	3"	79	150	84
100	4"	102	174	112
125	5"	117	213	130
150	6"	140	248	164
200	8"	165	340	216
250	10"	210	406	245
300	12"	286	482	300

MATERIALS

No.	NAME OF PARTS	SPECIFICATION
1	Body	Cast Iron A126 Class B (FC200)
2	Guide	Stainless Steel (CF8M, SCS14A)
3	Disc	Stainless Steel (CF8M, SCS14A)
4,5	O-Ring, Seat ring	EPDM
6,7	Bolt, Sleeve	Stainless Steel (CF8M, SCS14A)
8	Spring	Stainless Steel (CF8M, SCS14A)