


TITAN FLOW CONTROL

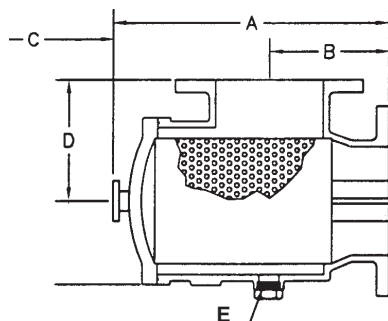
LUMBERTON, NC USA

 FLANGED, 90° SUCTION
 DIFFUSER STRAINER
 MODEL SD22

 ANSI
 125 lbs.

PRESSURE RATING

SD22-CI WOG - 200 PSI @ 100°F


BILL OF MATERIALS:

ITEM	DESCRIPTION	MATERIAL	SPECIFICATIONS
1	BODY	CAST IRON	ASTMA126-B
2	COVER	CAST IRON	ASTMA126-B
3	O-RING*	BUNA-N	COMMERCIAL
4	SCREEN*	STAINLESS STEEL	SUS 304
5	SCREEN START UP*	20 MESH STAINLESS STEEL	SUS 304
6	STRAIGHTENING VEINS	CAST IRON	ASTMA126-B
7	PLUG	MALLEABLE IRON	ASTMA197-8
8	PLUG	MALLEABLE IRON	ASTMA197-8
9	BOLT	STEEL	ASTMA307-8

* Replacement parts

DESIGN FEATURES:

- Designed for direct mounting to the suction side of a pump in either horizontal or vertical position.
- Integral straightening vanes reduce flow turbulence.
- Iron strainers are complete with FF flanges in accordance with ASME B16.1.
- Available with equal or reduced outlet flanges.
- Diffuser sizes 6" and smaller are complete with O-ring sealed knob covers.
- Diffuser sizes 8" and larger are complete with O-ring sealed stud/nut covers.
- Cast on supporting pads for convenient mounting of standard I.D. support foot.
- All strainers furnished with a removable type 304 SS 20 mesh start-up screen.
- Drain connection furnished with plug as standard.
- Differential connections are optional.

DIMENSIONS:

INLET in	OUTLET in	A in	B in	C in	D in	E in	Weight Lb.
2	1 1/4	10.19	4.50	8.81	4.50	3/4	19
2	1 1/2	10.19	4.50	8.81	4.50	3/4	21
2	2	10.25	4.38	8.81	4.50	3/4	23
2 1/2	2	8.50	4.25	4.75	4.25	1/2	32
2 1/2	2 1/2	8.50	4.25	4.75	4.25	1/2	34
3	2	10.50	4.25	5.00	5.50	3/4	37
3	2 1/2	8.25	4.38	5.00	4.69	3/4	49
3	3	11.38	6.00	5.25	5.50	3/4	55
4	3	13.00	6.50	5.25	6.50	3/4	57
4	4	13.00	6.50	6.75	6.50	3/4	92
5	4	11.13	5.75	6.75	6.63	3/4	97
5	5	12.68	6.50	7.13	6.50	1	101
6	4	13.00	7.00	6.75	8.00	3/4	140
6	5	17.00	8.00	7.13	8.00	1	146
6	6	16.50	8.00	7.88	10.00	1	182
8	6	17.00	8.25	7.88	9.00	1	197
8	8	21.00	11.50	16.25	9.25	1	292
10	8	20.75	9.25	16.25	11.25	1	312
10	10	26.00	11.00	16.13	11.25	1	398
12	8	18.88	9.25	16.25	12.00	1	412
12	10	26.00	11.00	16.13	12.00	1	491
12	12	26.00	12.00	18.13	12.00	1	573

TESTING

Shell Test = 1.5 x WOG PSI

All Valves Individually Hydrostatically tested

 STANDARD SCREEN 1/8 Parts w/20 mesh start-up
 Custom made screen optional Consult Factory

Ordering Code _____

Size _____

Customer/Project _____

Inq./P.O. No. _____

Titan Order No. _____

Certified Correct By _____ Date _____


TITAN FLOW CONTROL, INC.

 Flanged, 90° Suction Diffuser Strainer
 SD-22

Series	Size	Part No.	Material Trim Code	Drawing No.
				SD-22