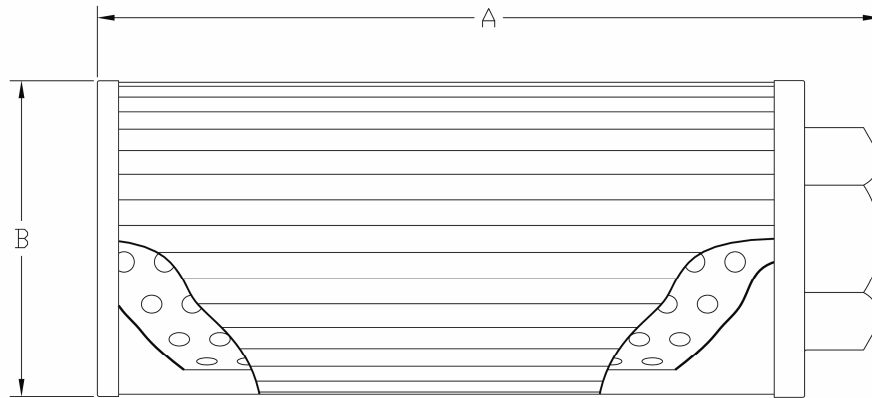


In-Tank Suction Strainers

Product Description

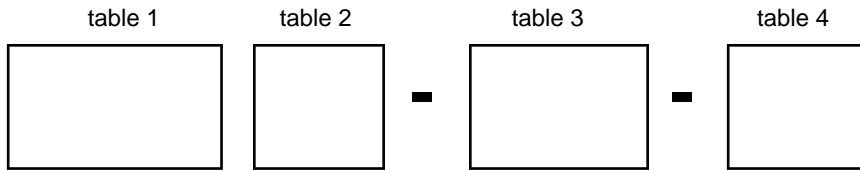
- Threaded port sizes from 1/2" to 3" NPT or BSPT.
- 3 PSID (0,21 bar) bypass valve available.
- Max flow rate 100 gpm (378 lpm)
- 100 mesh (149m) standard. 30, 60, or 200 mesh available.
- Max Temperature 212°F (100°C)
- Compatible with petroleum and mineral based fluids only.
- Nylon Polymer threaded Open Cap.
- Corrosion resistant steel closed cap and support tube components (stainless steel is available upon request).



Series	Max rated flow GPM (5 ft/sec flow velocity)	Flow velocity at max rated flow (ft/sec)	Thread size (NPT or BSPT)	A Dimension IN (mm)	B Dimension IN (mm)	Unit weight LBS
S*05	4.7	5.3	1/2	3.1 (78,7)	2.6 (66,0)	0.5
S*08	8.3	4.8	3/4	3.5 (88,9)	2.6 (66,0)	0.5
S*10	13.5	3.7	1	5.4 (137,2)	2.6 (66,0)	0.7
S*20	23.3	4.3	1 1/4	6.9 (175,3)	3.4 (86,4)	1
S*30	31.7	4.8	1 1/2	8.1 (205,8)	3.4 (86,4)	1.2
S*50	50	7.9	1 1/2	10 (254)	3.9 (99,1)	1.4
S*51	52.2	4.8	2	10 (254)	3.9 (99,1)	1.8
S*75	74.7	5.1	2 1/2	10.1 (256,5)	5.1 (129,6)	2.3
S*100	114.8	4.4	3	11.8 (299,7)	5.1 (129,6)	3

Max flow and velocity ratings based on 225 SSU oil at 100F through standard 100 mesh media

SUCTION STRAINER PART NUMBER GUIDE



Bold print denotes standard options (1~4 week delivery)
Italicized print denotes non-standard options (1~12 week delivery)

table 1	
Code	Thread type
SN	NPT thread
<i>SNG</i>	<i>BSPT, G thread</i>

table 2		
Series	Max flow GPM (LPM)	Thread size
5	4.7 (17,6)	1/2
8	8.3 (13,1)	3/4
10	13.5 (50,6)	1
20	23.3 (87,37)	1 1/4
30	31.7 (116,2)	1 1/2
50	50 (187,5)	1 1/2
51	52.2 (195,7)	2
75*	74.7 (280,1)	2 1/2
100*	114.8 (430,5)	3

table 3	
Code	Stainless mesh media
30	30 mesh
60	60 mesh
100	100 mesh (149μ nominal)
200	200 mesh (74μ nominal)

table 4	
Code	Bypass valve setting
Omit	No Bypass
B3	3 psid Bypass

*Available in SN (NPT thread only)