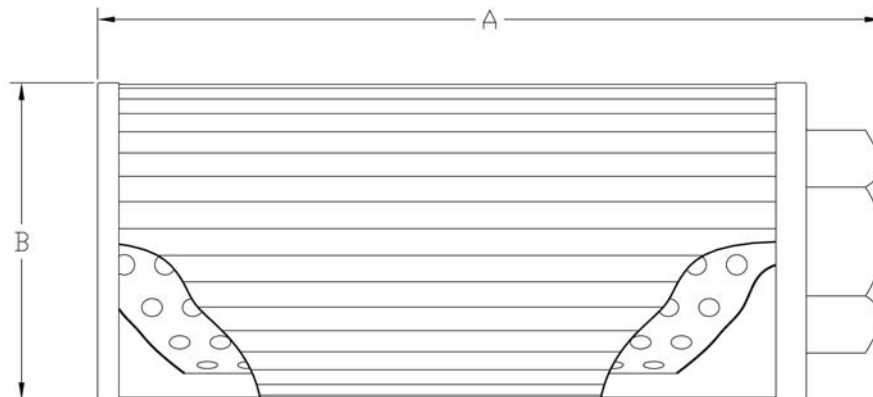


In-Tank Suction Strainers



Product Description

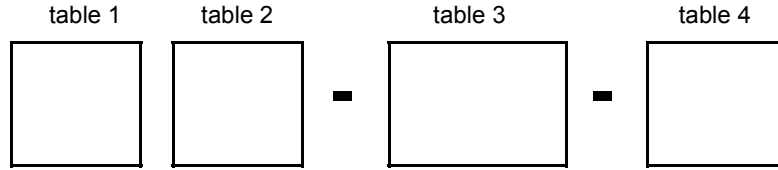
- Threaded port sizes from 1/2" to 3" NPT or BSPT.
- 3 PSID (0,21 bar) bypass valve available.
- Max flow rate 100 gpm (378 lpm)
- 100 mesh (149m) standard. 30, 60, or 200 mesh available.
- Max Temperature 212 F (100 C)
- Compatible with petroleum and mineral based fluids only.
- Nylon Polymer threaded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



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)

Code	Port type
SN	NPT thread
<i>SNG</i>	<i>BSPT, G thread</i>

Series	Max flow GPM (LPM)	Thread size
<i>05</i>	<i>4.7 (17,6)</i>	<i>1/2</i>
08	8.3 (13,1)	3/4
10	13.5 (50,6)	1
<i>20</i>	<i>23.3 (87,37)</i>	<i>1-1/4</i>
30	31.7 (116,2)	1-1/2
<i>50</i>	<i>50 (187,5)</i>	<i>1-1/2</i>
51	52.2 (195,7)	2
<i>75*</i>	<i>74.7 (280,1)</i>	<i>2-1/2</i>
<i>100*</i>	<i>114.8 (430,5)</i>	<i>3</i>

*Available in SN (NPT thread only)

Code	Stainless mesh media
<i>30</i>	<i>30 mesh</i>
<i>60</i>	<i>60 mesh</i>
100	100 mesh (149 micron nominal)
<i>200</i>	<i>200 mesh (74 micron nominal)</i>

Code	Bypass valve setting
Omit	No Bypass
<i>B3</i>	<i>3 psid Bypass</i>