

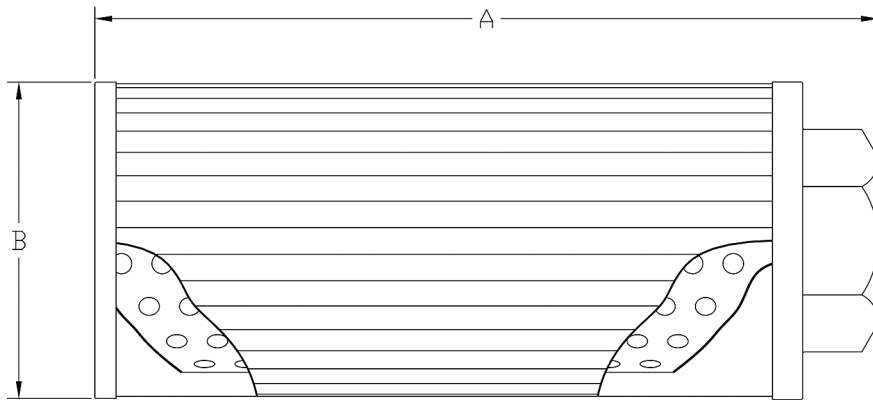
# In-Tank Suctions Strainers



## Applications

### Product Description

- Threaded port sizes from ½" to 3" NPT or BSPT.
- 3 PSID (0,21 bar) bypass valve available.
- Max flow rate 100 gpm (378 lpm)
- 100 mesh (149µ) standard. 30, 60, or 200 mesh available by special request only.
- 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<br>GPM (5 ft/sec<br>flow velocity) | Flow velocity<br>at max rated<br>flow (ft/sec) | Thread size<br>(NPT or<br>BSPT) | A Dimension<br>IN (mm) | B Dimension<br>IN (mm) | Unit weight<br>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 100°F through standard 100 mesh media