

# In-tank Filters

## OSS Suction Strainers

Flows to 380 L/min (100 USgpm)



### Features and Benefits

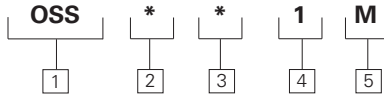
- Filters coarse particulate to prevent filter damage

Note:

Check or verify inlet condition before use.

### DESIGN SPECIFICATIONS

<b>Rated flow:</b>	Length 1	30 L/min (8 USgpm)
	Length 2 w/1 1/4" NPT	75 L/min (20 USgpm)
	Length 2 w/1 1/2" NPT	115 L/min (30 USgpm)
	Length 3	190 L/min (50 USgpm)
	Length 4 w/1 1/4" NPT	380 L/min (100 USgpm)
<b>Fluid compatibility:</b>	Compatible with all petroleum oils and synthetic fluids rated for use with Fluoro-Rubber or Ethylene Propylene seals.	
<b>Temp range:</b>	-28 to +100°C (-20 to +210°F)	
<b>Material:</b>	Wire Mesh	Steel
	Fittings	Nylon
<b>Dry weight:</b>	Length 1	0,2 kg. (0.4 lbs.)
	Length 2	0,3 kg. (0.6 lbs.)
	Length 3	0,5 kg. (1.1 lbs.)
	Length 4	0,8 kg. (1.8 lbs.)



### OSS Series Filter and Element Model Code

Sample model code:

OSS3D1M

#### 1 Filter Series - OSS

#### 2 Length

mm (inch)

**1** - 109 (4.3)

**2** - 142 (5.6)

**3** - 203 (8.0)

**4** - 277 (10.9)

#### 3 Port Options

**B** - 3/4" NPT (Length 2 only)

**C** - 1 1/4" NPT (Length 3 only)

**D** - 1 1/2" NPT (Length 3,4 only)

**E** - 3" NPT (Length 5 only)

#### 4 Valve Options

**1** - Bypass set at 3 PSI cracking pressure

#### 5 Fluid Cleanliness Rating

Code	Target fluid cleanliness level
<b>M</b>	100m Wire Mesh

# In-tank Filters

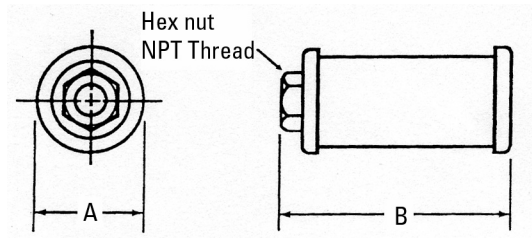
## OSS

### Flow Data

#### Element Flow Data

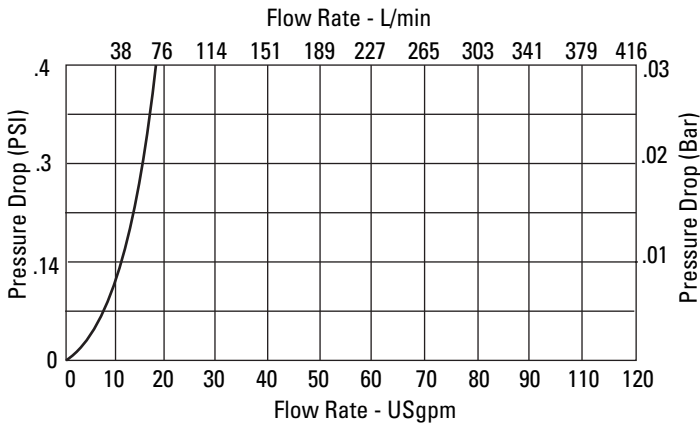
### Housing Dimensions

mm (inch)

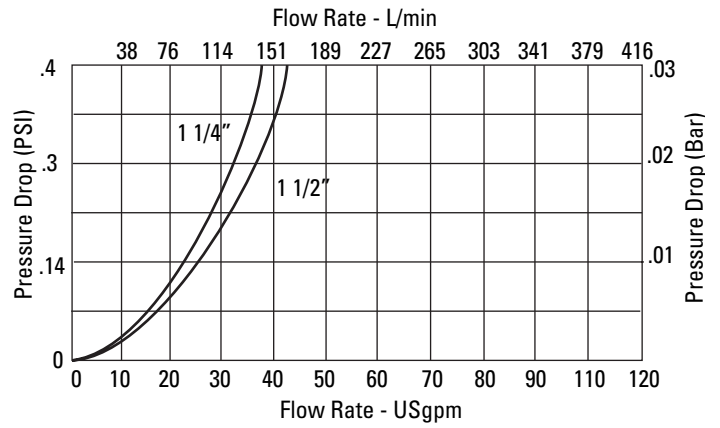


LENGTH	A MM(INCH)	B MM(INCH)	SCREEN AREA (IN <sup>2</sup> )
2	68.6 (2.7)	109.2 (4.3)	40
3	86.4(3.4)	142.2(5.6)	128
4	101.6(4.0)	208.2(8.0)	200
5	132.1(5.2)	276.9(10.9)	379

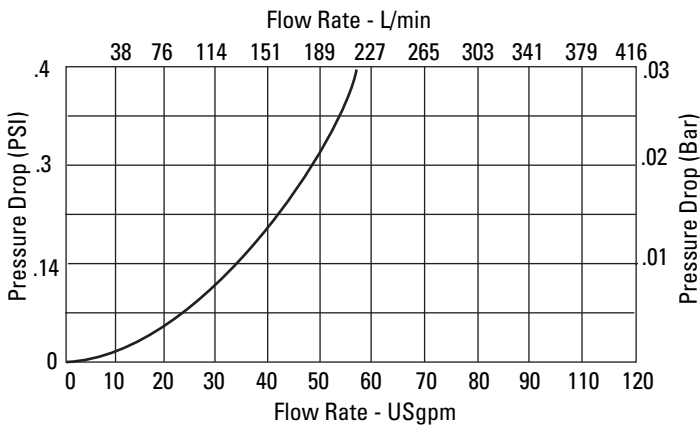
#### OSS Filter Length 1



#### OSS Filter Length 2



#### OSS Filter Length 3



#### OSS Filter Length 4

