



## SUCTION STRAINERS



### TECHNICAL DATA:

End cap : galvanized steel.  
Center tube : galvanized steel.  
Head : Die cast aluminium.  
Head ( optional ) : galvanized steel  
By-pass : on request.  
Permanent magnet : on request  
Working temperature : -25° to +110°C

### FILTRATION :

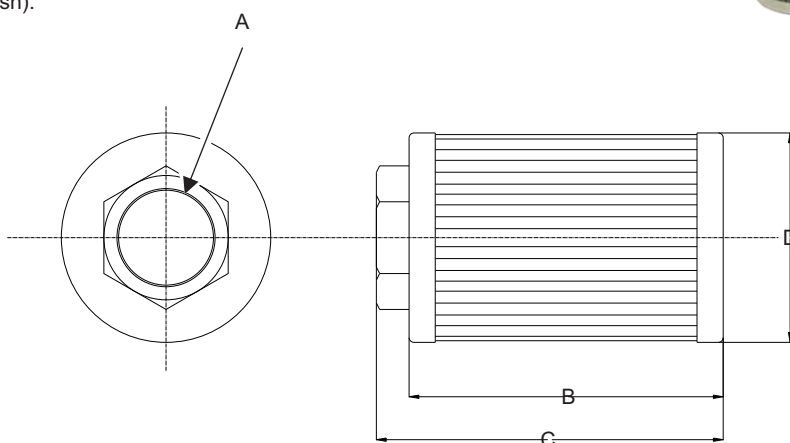
Wire mesh : Stainless steel.  
Filtration : 149 microns (100 mesh).  
Celulose media : on request.  
Other ratings : on request.

### STOCK SIZES :

3/8" BSP TO 3" BSP.

### FLOW RATES :

12 L/min to 600 L/min.



| MODEL NO. | FLOW<br>LPM | THREAD<br>IN. BSP<br>A | LENGTH<br>B | OVERALL<br>LENGTH<br>C | DIA<br>D | SCREEN<br>AREA<br>(SQ. CMS.) | All dimensions are in mm or otherwise stated |
|-----------|-------------|------------------------|-------------|------------------------|----------|------------------------------|----------------------------------------------|
| FSS - 003 | 12          | 3/8"                   | 78          | 90                     | 46       | 190                          |                                              |
| FSS - 005 | 20          | 1/2"                   | 93          | 105                    | 46       | 258                          |                                              |
| FSS - 007 | 28          | 3/4"                   | 97          | 109                    | 64       | 105                          |                                              |
| FSS - 010 | 40          | 1"                     | 127         | 139                    | 64       | 545                          |                                              |
| FSS - 015 | 60          | 1 1/4"                 | 127         | 139                    | 84       | 930                          |                                              |
| FSS - 020 | 80          | 1 1/2"                 | 156         | 168                    | 84       | 1170                         |                                              |
| FSS - 030 | 120         | 1 1/2"                 | 188         | 200                    | 84       | 1450                         |                                              |
| FSS - 040 | 160         | 2"                     | 223         | 235                    | 100      | 1935                         |                                              |
| FSS - 050 | 200         | 2"                     | 248         | 260                    | 100      | 2195                         |                                              |
| FSS - 075 | 300         | 2 1/2"                 | 199         | 211                    | 145      | 2790                         |                                              |
| FSS - 100 | 400         | 3"                     | 260         | 272                    | 145      | 3700                         |                                              |
| FSS - 150 | 600         | 3"                     | 333         | 345                    | 145      | 5900                         |                                              |

### FFP PRODUCTS ( HYDRAULICS DIVISION )

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MUMBAI 400 092, MAHARASHTRA, INDIA  
Tel: +91 22 28925607 Fax: +91 22 28904071  
e-mail: info@ffpproducts.com - <http://www.ffpproducts.com>

### TECHNICAL DATA:

End cap : Galvanized steel.  
 Center tube : Galvanized steel.  
 Head : Galvanized steel.  
 Head ( optional ) : Nylon ( polyamide 66)  
 By-pass : Add R3 or R5  
 Permanent magnet : on request  
 Working temperature : -25° to +110°C

### FILTRATION :

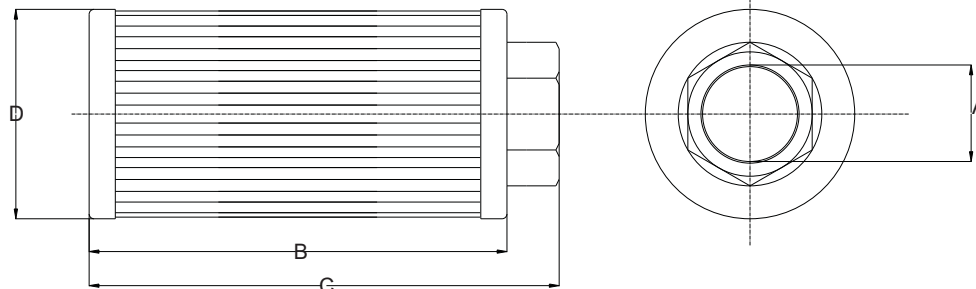
Wire mesh : Stainless steel.  
 Filtration : 149 microns (100 mesh).  
 Celulose media : on request.  
 Other ratings : on request.

### STOCK SIZES :

3/8" NPT TO 3" NPT

### FLOW RATES :

3 GPM to 100GPM.



| PART NUMBER |         | G.P.M. | A (NPT) |        | B     | C     | D     | AREA (CM) |
|-------------|---------|--------|---------|--------|-------|-------|-------|-----------|
| NYLON       | STEEL   |        |         |        |       |       |       |           |
| N49-3       | 49-3    | 3      | IN      | 3/8"   | 1.2   | 2.5   | 1.9   | 34        |
|             |         |        | MM      | .      | 30.4  | 63.5  | 48.3  | (219.3)   |
| N49-4       | 49-4    | 5      | IN      | 1/2"   | 1.9   | 3.1   | 2.6   | 62        |
|             |         |        | MM      |        | 48.2  | 78.7  | 66    | (399.9)   |
| N49-5       | 49-5    | 8      | IN      | 3/4"   | 2.9   | 3.6   | 2.6   | 62        |
|             |         |        | MM      |        | 73.7  | 91.4  | 66    | (399.9)   |
| N49-10      | 49-10   | 10     | IN      | 1"     | 4.6   | 5.4   | 2.6   | 110       |
|             |         |        | MM      |        | 116.8 | 137.2 | 66    | 709.5)    |
| N49-20      | 49-20   | 20     | IN      | 1 1/4" | 6.1   | 6.9   | 3     | 162       |
|             |         |        | MM      |        | 154.9 | 175.3 | 76.2  | (1044.9)  |
| N49-30      | 49-30   | 30     | IN      | 1 1/2" | 7.2   | 8     | 3.3   | 225       |
|             |         |        | MM      |        | 182.9 | 203.2 | 83.8  | (1451.3)  |
| N49-50      | 49-50   | 50     | IN      | 1 1/2" | 9.1   | 9.9   | 3.9   | 340       |
|             |         |        | MM      |        | 231.1 | 251.5 | 99.1  | (2193)    |
| N49-50-2    | 49-50-2 | 50     | IN      | 2"     | 9.1   | 9.9   | 3.9   | 340       |
|             |         |        | MM      |        | 231.1 | 251.5 | 99.1  | (2193)    |
| N49-75      | 49-75   | 75     | IN      | 2 1/2" | 9.1   | 10.1  | 5.1   | 400       |
|             |         |        | MM      |        | 231.1 | 256.5 | 129.5 | (2580)    |
| N49-100     | 49-100  | 100    | IN      | 3"     | 10.4  | 11.8  | 5.1   | 500       |
|             |         |        | MM      |        | 264.2 | 299.7 | 129.5 | (3225)    |

TO ORDER OTHER THAN 100 MESH ADD -30, 60, 200  
 TO SPECIFY BY-PASS OPTION, ADD R3 & R5

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## TECHNICAL DATA:

End cap : galvanized steel.  
 Center tube : galvanized steel.  
 Head : cast iron bushing.  
 By-pass : on request.  
 Permanent magnet : on request .  
 Working temperature : -25 to +110C

## FILTRATION :

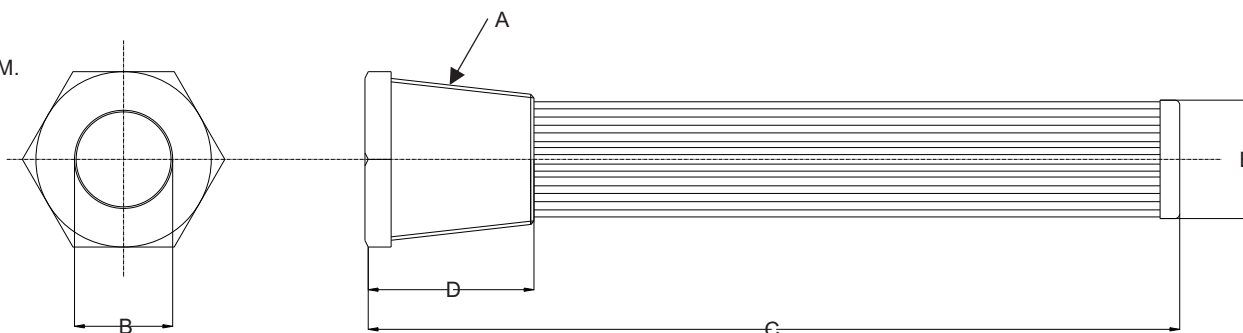
Wire mesh : Stainless steel.  
 Filtration : 149 microns (100 mesh.)  
 Celulose media : on request.  
 Other ratings : on request.

## STOCK SIZES :

1" NPT TO 4" NPT.

## FLOW RATES :

5 GPM to 100 GPM.



To order with By-pass valve add R3 or R5 ahead of part no.

| Part No. | Flow Gpm | Threads (NPT) |        | C   | D  | E   | Filtration area (sq.in) |
|----------|----------|---------------|--------|-----|----|-----|-------------------------|
|          |          | A             | B      |     |    |     |                         |
| FES05    | 005      | 1"            | 1/2"   | 136 | 27 | 30  | 35                      |
| FES10    | 010      | 1 1/4"        | 3/4"   | 207 | 31 | 34  | 64                      |
| FES15    | 015      | 1 1/2"        | 1"     | 209 | 31 | 42  | 86                      |
| FES25    | 025      | 2"            | 1 1/4" | 230 | 34 | 54  | 125                     |
| FES50    | 050      | 3"            | 2"     | 246 | 43 | 76  | 260                     |
| FES100   | 100      | 4"            | 3"     | 287 | 46 | 101 | 315                     |

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