

# SUCTION LINE FILTER DRIER DCHSF SERIES (SOLID CORE TYPE)

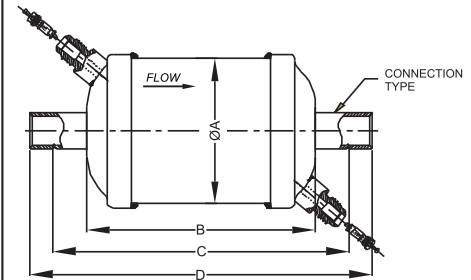
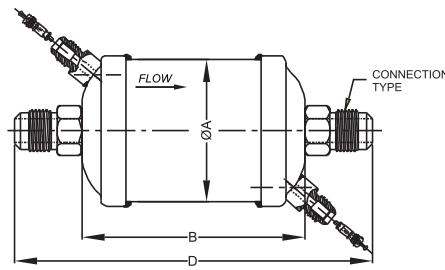


**DCHSF  
SERIES**

**SUCTION LINE  
FILTER DRIER**



## DIMENSIONAL DATA



**DRAWING - 1**

**DRAWING - 2**

| SR NO. | MODEL         | OUTER DIA<br>Ø A |       | BODY LENGTH<br>B |       | STOPPER TO<br>STOPPER LENGTH<br>C |             | OVERALL<br>LENGTH<br>D |             | CONNECTION TYPE<br>inch | REFER DRAWING NO. |          |             |
|--------|---------------|------------------|-------|------------------|-------|-----------------------------------|-------------|------------------------|-------------|-------------------------|-------------------|----------|-------------|
|        |               | mm               | inch  | mm               | inch  | mm                                | inch        | mm                     | inch        |                         |                   |          |             |
| 1      | DCHSF 052F    | Ø 63.5           | Ø 2.5 | 78               | 3.07  | --                                | --          | 124                    | 4.88        | 1/4" SAE                | DRAWING - 1       |          |             |
| 2      | DCHSF 052S    |                  |       |                  |       | 108                               | 4.26        | 128                    | 5.04        | 1/4" ODS                | DRAWING - 2       |          |             |
| 3      | DCHSF 053F    |                  |       |                  |       | --                                | --          | 132                    | 5.09        | 3/8" SAE                | DRAWING - 1       |          |             |
| 4      | DCHSF 053S    |                  |       |                  |       | 108                               | 4.26        | 128                    | 5.04        | 3/8" ODS                | DRAWING - 2       |          |             |
| 5      | DCHSF 082F    |                  |       | 99               | 3.89  | --                                | --          | 145                    | 5.71        | 1/4" SAE                | DRAWING - 1       |          |             |
| 6      | DCHSF 082S    |                  |       |                  |       | 129                               | 5.07        | 149                    | 5.86        | 1/4" ODS                | DRAWING - 2       |          |             |
| 7      | DCHSF 083F    |                  |       |                  |       | --                                | --          | 153                    | 6.03        | 3/8" SAE                | DRAWING - 1       |          |             |
| 8      | DCHSF 083S    |                  |       |                  |       | 129                               | 5.07        | 149                    | 5.86        | 3/8" ODS                | DRAWING - 2       |          |             |
| 9      | DCHSF 084F    |                  |       |                  |       | --                                | --          | 159                    | 6.26        | 1/2" SAE                | DRAWING - 1       |          |             |
| 10     | DCHSF 084S    |                  |       |                  |       | 129                               | 5.07        | 149                    | 5.86        | 1/2" ODS                | DRAWING - 2       |          |             |
| 11     | DCHSF 163F    |                  |       |                  |       | --                                | --          | 176                    | 6.93        | 3/8" SAE                | DRAWING - 1       |          |             |
| 12     | DCHSF 163S    |                  |       |                  |       | 152                               | 5.98        | 172                    | 6.77        | 3/8" ODS                | DRAWING - 2       |          |             |
| 13     | DCHSF 163R    |                  |       | --               | --    | 160                               | 6.29        | 11/16-16 ORFS          | DRAWING - 1 |                         |                   |          |             |
| 14     | DCHSF 164F    |                  |       | 122              | 4.80  | --                                | --          | 182                    | 7.16        | 1/2" SAE                | DRAWING - 1       |          |             |
| 15     | DCHSF 164S    |                  |       |                  |       | 152                               | 5.98        | 172                    | 6.77        | 1/2" ODS                | DRAWING - 2       |          |             |
| 16     | DCHSF 164R    |                  |       |                  |       | --                                | --          | 170                    | 6.69        | 13/16-16 ORFS           | DRAWING - 1       |          |             |
| 17     | DCHSF 165F    |                  |       |                  |       | --                                | --          | 190                    | 7.48        | 5/8" SAE                | DRAWING - 1       |          |             |
| 18     | DCHSF 165S    |                  |       |                  |       | 152                               | 5.98        | 172                    | 6.77        | 5/8" ODS                | DRAWING - 2       |          |             |
| 19     | DCHSF 165R    |                  |       |                  |       | --                                | --          | 176                    | 6.93        | 1"-14 ORFS              | DRAWING - 1       |          |             |
| 20     | DCHSF 303F    |                  |       |                  |       | Ø 76.2                            | Ø 3         | 190                    | 7.48        | --                      | --                | 244      | 9.61        |
| 21     | DCHSF 303S    | 220              | 8.66  |                  |       |                                   |             |                        |             | 240                     | 9.45              | 3/8" ODS | DRAWING - 2 |
| 22     | DCHSF 303R    | --               | --    | 228              | 8.97  |                                   |             |                        |             | 11/16-16 ORFS           | DRAWING - 1       |          |             |
| 23     | DCHSF 303 ORN | --               | --    | 228              | 8.97  |                                   |             |                        |             | 3/8" O RING             | DRAWING - 1       |          |             |
| 24     | DCHSF 304F    | --               | --    | 250              | 9.85  |                                   |             |                        |             | 1/2" SAE                | DRAWING - 1       |          |             |
| 25     | DCHSF 304S    | 220              | 8.66  | 240              | 9.45  |                                   |             |                        |             | 1/2" ODS                | DRAWING - 2       |          |             |
| 26     | DCHSF 304R    | --               | --    | 238              | 9.37  |                                   |             |                        |             | 13/16-16 ORFS           | DRAWING - 1       |          |             |
| 27     | DCHSF 305F    | --               | --    | 258              | 10.16 |                                   |             |                        |             | 5/8" SAE                | DRAWING - 1       |          |             |
| 28     | DCHSF 305S    | 220              | 8.66  | 240              | 9.45  |                                   |             |                        |             | 5/8" ODS                | DRAWING - 2       |          |             |
| 29     | DCHSF 305R    | --               | --    | 244              | 9.61  |                                   |             |                        |             | 1"-14 ORFS              | DRAWING - 1       |          |             |
| 30     | DCHSF 306F    | --               | --    | 270              | 10.63 |                                   |             |                        |             | 3/4" SAE                | DRAWING - 1       |          |             |
| 31     | DCHSF 306S    | 220              | 8.66  | 240              | 9.45  |                                   |             |                        |             | 3/4" ODS                | DRAWING - 2       |          |             |
| 32     | DCHSF 307S*#  | 220              | 8.66  | 264              | 10.39 | 7/8" ODS                          | DRAWING - 2 |                        |             |                         |                   |          |             |
| 33     | DCHSF 309S*#  | 220              | 8.66  | 274              | 10.78 | 1 1/8" ODS                        | DRAWING - 2 |                        |             |                         |                   |          |             |
| 34     | DCHSF 414F    | Ø 88.9           | Ø 3.5 | 198              | 7.79  | --                                | --          | 258                    | 10.16       | 1/2" SAE                | DRAWING - 1       |          |             |
| 35     | DCHSF 414S    |                  |       |                  |       | 228                               | 8.97        | 248                    | 9.75        | 1/2" ODS                | DRAWING - 2       |          |             |
| 36     | DCHSF 415F    |                  |       |                  |       | --                                | --          | 266                    | 10.47       | 5/8" SAE                | DRAWING - 1       |          |             |
| 37     | DCHSF 415S    |                  |       |                  |       | 228                               | 8.97        | 248                    | 9.76        | 5/8" ODS                | DRAWING - 2       |          |             |
| 38     | DCHSF 415-4F  |                  |       |                  |       | --                                | --          | 262                    | 10.32       | 1/2" SAE & 5/8" SAE     | DRAWING - 1       |          |             |
| 39     | DCHSF 415-4R  |                  |       |                  |       | --                                | --          | 249                    | 9.81        | 13/16-16 ORFS & 1"-     | DRAWING - 1       |          |             |
| 40     | DCHSF 417S*#  |                  |       |                  |       | 228                               | 8.97        | 272                    | 10.71       | 7/8" ODS                | DRAWING - 2       |          |             |
| 41     | DCHSF 419S*#  |                  |       |                  |       | 228                               | 8.97        | 282                    | 11.11       | 1 1/8" ODS              | DRAWING - 2       |          |             |

- 1) INTERNAL ASSEMBLY - CORE TYPE
- 2) MAXIMUM WORKING PRESSURE - 35 bar(508 psig)
- 3) # MARK MAXIMUM WORKING PRESSURE - 35 bar (508 psig)
- 4) SAE, ORFS & "O" RING TYPE CONNECTION IS IN STEEL , NICKEL PLATED
- 5) ODS TYPE CONNECTION IS IN COPPER
- 6) \* MARK CONNECTION STEEL, PLATED