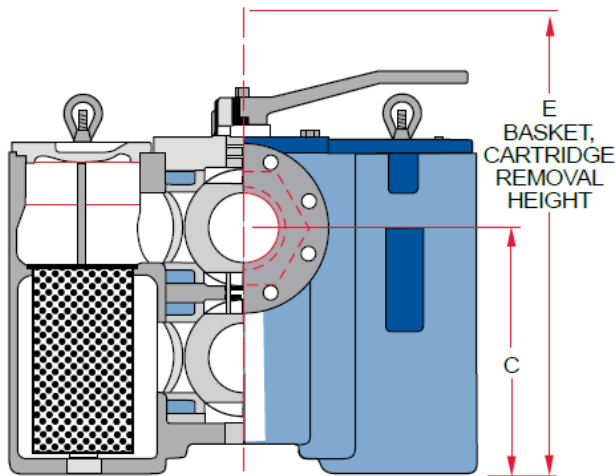


Duplex Basket Strainer - Threaded/Flanged

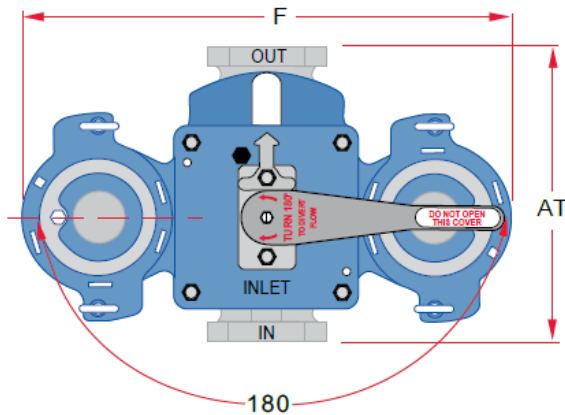
v.052925

DCB

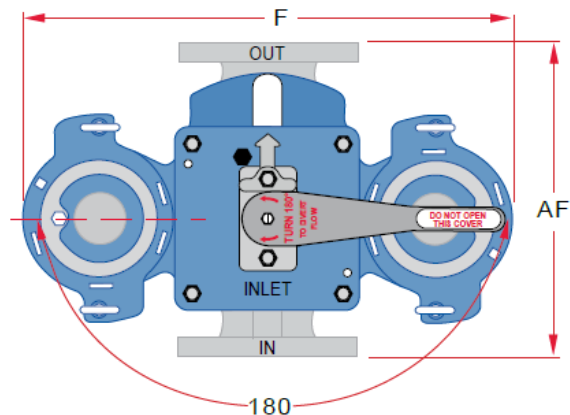


Front View: Flanged and Threaded Models

The Schroeder Industries Duplex Strainer is a simple, economical, and trouble free design that has been time tested in applications around the world over many years. This type of strainer is actually a high quality, pressure rated plug valve with integral straining baskets. Switching the flow from one basket to the other is accomplished by moving the operating handle through a 90 degree arc. The design is such that it is impossible for this operation to stop the flow because of the unique port design in the diverter plug. The entire switching operation takes less than 30 seconds. No tools are needed. The plug is automatically positioned each time in exactly the right spot by integral stops.



Top View: Threaded Model



Top View: Flanged Model

Type DF125CI Cast Iron; DF150CS Cast Steel; DF150SS Cast 316SS; DF150BZ Cast Bronze

Before operating the handle a manual, integral lifting jack, built into the strainer is used to lift the diverter plug off of its seat. After the switching operation the lifting jack is used to reseal the plug. The lifting jack is specially designed to lift and seat the plug easily, even under high pressures. A built-in stop limits the distance the diverter plug can be raised. This minimizes the possibility of material bypassing the plug while it is rotated. It also prevents debris from building up under the plug and making it difficult to reseal.

Other important features of the Schroeder Industries Duplex Basket Strainers design include quick opening, swing away

yoke design covers. No tools are required to remove the covers for quick and easy access to the strainer baskets, and they go back on just as fast as they came off.

Draining of the basket chambers is simplified with the standard NPT drain taps. All sizes are provided with mounting legs to bolt the strainer to the floor for a rock solid installation.

The Schroeder Industries Duplex Basket Strainer is your best choice for most applications. Its rugged design and ease of operation have made it the duplex strainer of choice around the world in hundreds of different industries.

Duplex Basket Strainer - Threaded/Flanged

DCB

DIMENSIONS (Inches)											
Size (Inches)	AF	AT	C	E	F	Shipping Weight (lbs.)					
						Cast Iron		Bronze		Carbon & SS	
						Flanged	Threaded	Flanged	Threaded	Flanged	Threaded
3/4	-	5-1/2	5	13-3/8	10-1/2	-	45	-	56	-	52
1	6-7/8	5-1/2	5	13-3/8	10-1/2	52	45	65	56	65	52
1-1/4	6-7/8	7-1/2	6-13/16	17	13-1/4	-	90	-	115	-	110
1-1/2	9-3/8	7-1/2	6-13/16	17	13-1/4	109	90	130	115	120	110
2	10-5/8	10	8-3/8	21-3/4	17-3/8	190	180	230	220	210	195
2-1/2	10-3/4	10	8-3/8	21-3/4	17-3/8	210	180	260	220	235	195
3	13-1/2	-	8-7/8	26-1/2	22-3/4	340	-	380	-	460	-
4	16	-	13-1/4	33	24-3/4	430	-	535	-	460	-

**Dimensions and Weights are for reference only. Please contact Schroeder Industries for certified drawings.*

How to Build a Valid Model Number for a Schroeder Duplex Basket Strainer:

SP-DCB						
Style	Material	Connection	Connection Size (Inches)	Connection Class	Mesh	Code

****Starting from the left to the right you will choose your Style and work your way through each category as illustrated above.**

Style	Material	Connection	Connection Size (Inches)	
☐ SP-DCB = Duplex Cast Basket	☐ E2 = 316 Stainless ☐ N = Carbon Steel* ☐ FE = Cast Iron* ☐ BZ = Bronze <i>*Not recommended for water applications</i>	☐ T = Threaded ☐ F = Flange	Threaded ☐ 3/4" ☐ 1" ☐ 1-1/4" ☐ 1-1/2" ☐ 2" ☐ 2.5"	Flanged ☐ 1" ☐ 1-1/4" ☐ 1-1/2" ☐ 2" ☐ 3" ☐ 4"
Connection Class	Mesh	Code		
☐ 125 for FE ☐ 150 for E2/N/BZ	☐ 4-100	☐ Omit = No U Stamp ☐ U = U/UM Stamp (whichever is applicable)		