Strainer
DUPLEX – ASME150 - RF

Sizes: ½" to 6"

Pressure: ASME150

Flanges: ASME B16.5 - RF

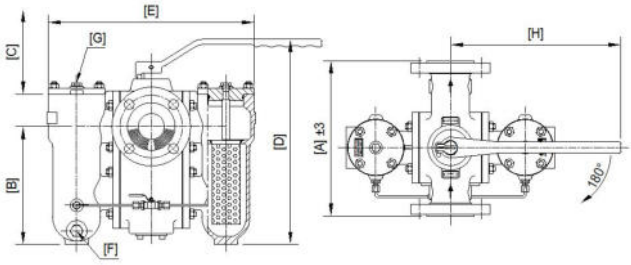
Features
- Simple change-over operation
- 100% liquid shut-off between the filter chambers by utilizing special design 3-way transfer ball valves
- Red oxide finish (carbon steel)
- Ø 3 mm perforated hole plate as standard

Advantages:
- Single lever t-port valve operation prevents from shutting off the flow during change-over
- Large filtration area and valve flow cross sectional area
- Minimum pressure drop
- Reduced maintenance costs
- European design

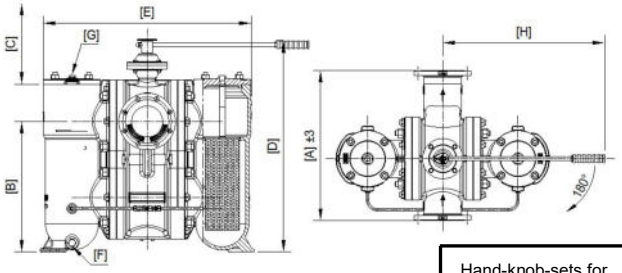
Options:
- Special baskets and meshes
- D.P. Tappings / Gauge
- Tool-less opening (optional)
- Magnetic basket inserts
- Flanged drains / vents
- Drain valve
- Special painting

Standards:
- PED 2014/68/EC
- CE-Declaration
- EN 10204 / NACE-Certification

½" to 4"



6"



All data is subject to confirmation at the time of order. Our policy is one of continual improvement and we reserve the right to amend details without prior notice.

Hand-knob-sets for tool-less opening of the filter chambers are available on request

Technical Data

Size		Dimensions						Basket Area [cm²]	Vent (NPT)	Drain (NPT)	Weight (kg)
mm	Inch	A	B	C	D	E	H				
15	½"	190	142	150	272	272	280	104,3	¼"	¼"	17,5
20	¾"	190	142	150	272	272	280	104,3	¼"	¼"	18,0
25	1"	200	142	150	272	272	280	104,3	¼"	¼"	18,0
40	1½"	260	182	195	335	360	300	153,1	¼"	⅜"	38,0
50	2"	295	227	260	395	398	330	250,8	¼"	½"	56,0
80	3"	415	315	360	530	540	450	513,4	⅜"	¾"	132,0
100	4"	520	417	490	670	713	560	929,7	½"	¾"	292,0
150	6"	740	644	750	1045 1120*1	1055	800	2239,1	¾"	1"	730,0

Materials of Construction

Item	Carbon Steel	Stainless Steel
Valve body, Chambers, Covers	ASTM A216 WCB (~1.0619)	ASTM A351 CF8M (~1.4408)
Change-over handle(≤ 4" NB)	ASTM A216 WCB (~1.0619)	ASTM A351 CF8M (~1.4408)
Change-over handle (6" NB)	Stainless Steel SS316 (with plastic grip & dome nut)	
Drain / vent plugs	ASTM A105N (~1.0460)	ASTM A182 F316 (~1.4404)
Stud bolts	ASTM A193 B7M – zinc plated	
Full nuts	ASTM A194 2HM – zinc plated	
Diverter balls	Stainless Steel 316 (~1.4404)	
Ball seats	PTFE	
Shafts	Stainless Steel 316 (~1.4404)	
O-Rings	Viton as standard – other materials available on request	
Baskets (perforated)	Stainless Steel 316 (Ø 3 mm perforated hole plate as standard)*2	

*1 Dimension "D" increases to that stated for gearbox option.

*2 Baskets can be lined with various meshes to suit customer requirements.