

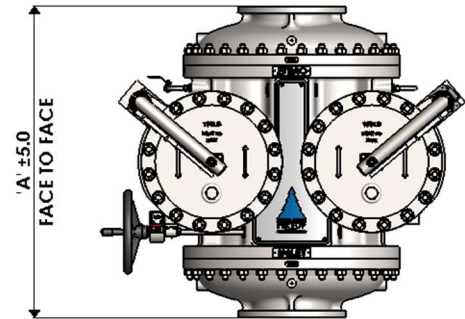
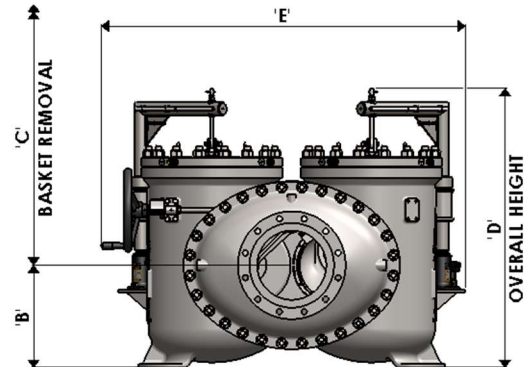


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Data Sheet Number:  
**SDD/DRG/R150/M300**  
 Revision: **02**

## CLASS 150 MODEL 300 DUPLEX 'ROTAGATE STRAINER'®

- Sizes:** 8" to 16" Nominal Bore
- Pressure:** ASME Class 150
- Features:**
- Simple Change-over Operation
  - Online Chamber Indicator
  - Equalisation Valve
  - Bolted Cover C/W Davit for Lifting
  - Self-supporting Unit
  - Red Oxide Finish (Carbon Steel)
  - 6mm Perf. Baskets as Standard\*
- Options:**
- Special Baskets / Magnetic Inserts
  - D.P. Tappings / Gauge
  - Swing Bolt Closure (quick access)
  - Cover Eyebolts (no Davit)
  - Anti-tamper Locking Option
  - Flanged Drains / Vents
  - Special Finish / Linings
  - Other Materials / Ratings Available
- Standards:** PED 2014/68/EU  
 ASME B16.5 Flange Dimensions  
 EN 10204 / NACE Certification  
 ASME VIII Div.1



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.

Size		Dimensions (mm)							Basket Area (cm <sup>2</sup> )	Approx. Weight (kg)
		'A' Face to Face	'B' Base to C/line	'C' Basket Removal	'D' Overall Height	'E' Overall Width	'F' Drain (NPT)	'G' Vent (NPT)		
Inch	mm									
8"	200	1400.0	460.0	1241.5	1255.0	1640.0	2"	1½"	6510.0	2115.0
10"	250	1400.0	460.0	1241.5	1255.0	1640.0	2"	1½"	6510.0	2130.0
12"	300	1400.0	460.0	1241.5	1255.0	1640.0	2"	1½"	6510.0	2145.0
14"	350	1400.0	460.0	1241.5	1255.0	1640.0	2"	1½"	6510.0	2160.0
16"	400	1400.0	460.0	1241.5	1255.0	1640.0	2"	1½"	6510.0	2175.0

Materials of Construction			
Item	Carbon Steel	Stainless Steel	Low Temp. Carbon Steel
Body, Headers & Covers	ASME SA216 WCB	ASME SA351 CF8M	ASME SA352 LCB/LCC
Baskets	Stainless Steel 316		
Gate Valve	ASME SA351 CF8M		
Gearbox	Aluminium - Coated		
Vent Plug	ASME SA105N (Z/P)	ASME SA182 F316	ASME SA350 LF2 (Z/P)
Stud bolts	ASME SA193 B7M (Z/P)	ASME SA193 B8M CL.2	ASME SA320 L7M (Z/P)
Full Nuts	ASME SA194 2HM (Z/P)	ASME SA194 8M	ASME SA194 7M (Z/P)
Cover Gasket	C.N.A.F. as standard / to Customer Specification		
Header & Basket Gasket	Nitrile as standard, other materials available		
Mechanism Bearings	R.P.T.F.E. as standard		
Gate Valve Seal	Nitrile as standard / to Customer Specification		

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

### Model Number Derivation: -

The model number can be derived as follows: - **A\*\*\*/\*\*\*/R15/\*\*\*/DRG**

Add '**200/IB2**' for an 8"  
 Add '**250/IB1**' for a 10"  
 Add '**300/000**' for a 12"  
 Add '**350/RB1**' for a 14"  
 Add '**400/RB2**' for a 16"

'**216**' denotes Carbon Steel  
 '**351**' denotes Stainless Steel  
 '**352**' denotes L.T. Carbon Steel

For more information, visit our Web Site: [www.bartonfirtop.co.uk](http://www.bartonfirtop.co.uk)