



Manufacturer: -
BARTON FIRTOP ENGINEERING COMPANY LIMITED
 Silverwoods Way,
 Kidderminster, Worcestershire, DY11 7DT,
 UNITED KINGDOM
 Telephone: (44) 01527 831644
 Fax: (44) 01527 832638
 E-mail: sales@bartonfirtop.co.uk

Data Sheet Number:
SDD/YFL/R15/STL
 Revision: **07**

R/F – 150LB RATING CAST 'Y'-TYPE STRAINER

Sizes: 14" – 24" Nominal Bore

Pressure: ASME Class 150

Features:

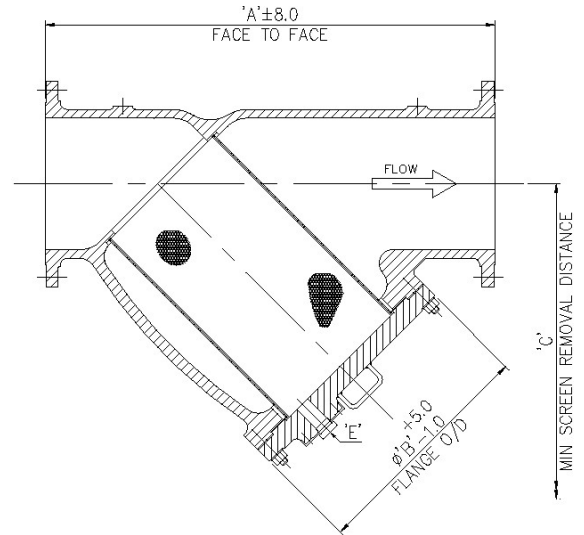
- Integrally Cast Housing
- Bolted Cover c/w Drain Plug
- Red Oxide Finish as Standard (c/s)
- 6mm Perf. Screen as Standard
- Screen Fitting Aid

Options:

- Special Gasket, Special Screen
- D.P. Tappings/Gauge
- Magnetic Screen Insert
- Flanged Drains/Drain Valves
- Special Finish/Linings
- Alternative Bolting Materials

Standards:

- P.E.D. 2014/68/EU
- ASME B16.5 Flange Specification
- EN 10204/Nace Certification
- Generally i.a.w. 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.

Unit Size (NB)		Dimensions (mm)					Screen Area (cm ²)	Weight (Calculated) (kg)
		'A' Face to Face	'B' Branch Flange O.D.	'C' Screen Removal	'D' Base to Centre Line	'E' Drain (NPT)		
Inch	mm							
14"	350	1300.0	677.0	1250.0	825.0	1 1/2"	9741.0	915.0
16"	400							950.0
18"	450	1600.0	801.0	1570.0	1025.0	1 1/2"	15 264.5	1545.0
20"	500							1600.0
24"	600	1900.0	979.0	1865.0	1235.0	1 1/2"	21 651.5	2680.0

Materials of Construction			
Item	Carbon Steel	L.T. Carbon Steel	Stainless Steel
Strainer Body (Cast)	ASME SA216 WCB	ASME SA352 LCB/LCC*	ASME SA351 CF8M
Strainer Cover (Cast)	ASME SA216 WCB	ASME SA352 LCB/LCC*	ASME SA351 CF8M
Strainer Screen	St. St. 316 (6mm Perf. as Standard / to Customer Specification)		
Cover Flat Gasket (Standard)	Klingsil C-4400, Graphite or P.T.F.E. as Standard / to Customer Spec		
Cover S/W Gasket (Optional)	St. St. 316 with Graphite or P.T.F.E. as Standard / to Customer Spec		
Cover Stud bolts	ASME SA193 B7M – Zinc Plated as Standard (alternatives available)		
Cover Heavy Hex Nuts	ASME SA194 2HM – Zinc Plated as Standard (alternatives available)		
Cover Plain Washers	Carbon Steel – Zinc Plated (not supplied as Standard)		
Cover Eyebolts	ASME SA105 N	ASME SA105 N	St. St. 316
Drain Plug	ASME SA105 N	ASME SA350 LF2	ASME SA182 F316

* Dual Certified material as per ASME VIII – Division 1, UG-23 (a).

Model Number Derivation:-

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

Denotes the size i.e. add '400' for a 16"NB

'216' denotes Carbon Steel

'352' denotes L.T.C.S.

'351' denotes Stainless Steel

For more information, visit our Web Site: www.bartonfirtop.co.uk