



Manufacturer: -  
**BARTON FIRTOP ENGINEERING COMPANY LIMITED**  
 Stoke Heath Works, Hanbury Road.  
 Bromsgrove. Worcestershire. B60 4LT.  
 ENGLAND  
 Telephone: (44) 01527 831644  
 Fax: (44) 01527 832638  
 E-mail: sales@bartonfirtop.co.uk

Data Sheet Number:  
**SDD/MBC/RJ600/STL**  
 Revision: **03**

## RTJ - 600LB RATING BOLTED COVER MONO-IN-LINE STRAINER

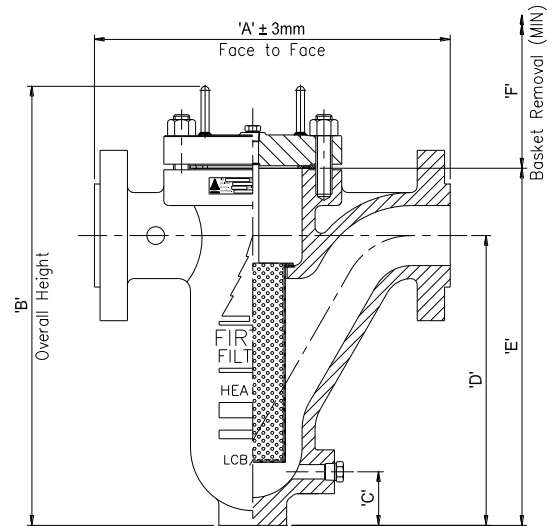
**Sizes:** 1" to 12" Nominal Bore

**Pressure:** ASME Class 600LB (Full Rating)

- Features:**
- Integrally Cast Housing.
  - Bolted Cover.
  - Red Oxide Finish as Standard (c/s).
  - 3mm. Perf. Basket as Standard.
  - Integral Feet on 6"NB and over.

- Options:**
- Special Gasket, Special Basket.
  - D.P. Tappings/Gauge.
  - Magnetic Basket Insert.
  - Flanged Drains / Drain Valves.
  - Special Finish / Linings.
  - Flanged Vent (On Sizes > 1½"NB)

**Standards:** PED 2014/68/EU.  
 ASME B16.5 Flange Dimensions.  
 EN 10204 / NACE Certification.



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						Basket Area (cm <sup>2</sup> )	Vent (NPT)	Drain (NPT)	Weight (kg) Calculated
		'A' Face to Face	'B' Overall Height	'C' Base to Drain	'D' Base to Centreline	'E' Base to Gasket	'F' Basket Removal				
1"	25	265.0	332.0	30.0	192.0	240.0	210.0	230.0	3/8"	1/2"	18.0
1½"	40	305.0	410.0	30.0	255.0	314.0	275.0	365.0	3/8"	1/2"	30.0
2"	50	370.0	480.0	48.0	320.0	385.0	345.0	475.0	3/8"	1/2"	38.0
3"	80	440.0	542.0	66.0	357.0	440.0	370.0	637.0	3/8"	1/2"	73.0
4"	100	540.0	651.0	66.0	442.0	541.0	450.0	1056.0	3/8"	1/2"	145.0
6"	150	800.0	894.0	85.0	650.0	793.0	635.0	2112.0	1/2"	1"	400.0
8"	200	970.0	1128.0	133.0	829.0	1009.0	800.0	3868.0	1/2"	1"	820.0
10"	250	1090.0	1326.0	133.0	993.0	1194.0	920.0	5267.0	1/2"	1"	1180.0
12"	300	1221.0	1565.0	133.0	1190.0	1416.0	1160.0	8248.0	1/2"	1"	1685.0

Item	Materials of Construction	
	Carbon Steel	Stainless Steel
Strainer Body (Cast)	ASME SA352 LCB/LCC*	ASME SA351 CF8M
Strainer Cover (Cast)	ASME SA352 LCB/LCC*	ASME SA351 CF8M
Strainer Basket	St.St. 316 (3mm. Perf. as Standard / to Customer Specification)	
Cover Gasket (Spiral wound)	Graphite or P.T.F.E. as Standard / to Customer Specification.	
Vent Plug	ASME SA350 LF2	ASME SA182 F316
Drain Plug	ASME SA350 LF2	ASME SA182 F316
Cover Studbolts	ASME SA193 B7 - Zinc Plated	
Cover Full Nuts	ASME SA194 2H - Zinc Plated	
Cover Washers	Carbon Steel - Zinc plated (Not supplied as standard)	

\* Dual certified material as per ASME VIII - Division 1, UG23(a)

**Model Number Derivation: -**

The model number can be derived as follows: - **A\*\*\* / RJ60 / \*\*\* / MBC**

Denotes the size i.e. add '025' for a 1"NB

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

'351' denotes Stainless Steel

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