

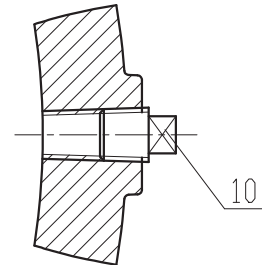
### Working Pressure & Temperature

Max Working Pressure: 300PSI / 21 Bar  
 Working Temperature: -10°C to 120°C  
 Grooved Ends: ANSI B16.1 CL125/150/250  
 BS10 Table D/E, EN1092-2  
 PN10/PN16/PN25  
 AWWA C 606



FBE coating internally and externally RAL3002  
 Grooved ends to suit ANSI/BS standard pipe.

C-C



### Material List

Name	Material
Body	Ductile Iron ASTM A536 65-45-12
Bolt	Gr 8.8
Washer	Gr 8.8
Washer	Gr 8.8
Cover	Ductile Iron ASTM A536 65-45-12
Screen	Stainless Steel SS304
Plug	Carbon Steel Q235+Zn
Plug Seal	45#+EPDM
O Ring	EPDM
Test Screw	ASTM B16

Size (mm)	Measured loss at 15fps (4.6m/s)
50 (2")	7.22 psi
65 (2.5")	5.89 psi
80 (3")	8.24 psi
100 (4")	5.88 psi
125 (5")	7.63 psi
150 (6")	4.82 psi
200 (8")	5.83 psi
250 (10")	7.25 psi
300 (12")	5.73 psi

### Dimensions (mm)

DN	L	H	H1	Blow off plug	ØD	Weight
50 (2")	203/7.99	130/5.20	195/7.68	3/4"	Ø60.3/2.37	7.55kg
65 (2.5")	254/10.00	158/6.22	240/9.45	3/4"	Ø73/2.87 (76.1/3)	13.05kg
80 (3")	260/10.24	175/6.89	270/10.63	3/4"	Ø88.9/3.50	17kg
100 (4")	308/12.13	202/7.95	320/12.60	3/4"	Ø114.3/4.50	26kg
125 (5")	398/15.67	290/11.42	425/16.73	3/4"	Ø139.7/5.5 (141.3/5.56)	32kg
150 (6")	472/18.58	334/13.15	495/19.49	3/4"	Ø165.1/6.5 (168.3/6.63)	55.6kg
200 (8")	550/21.65	391/15.39	570/22.44	3/4"	Ø219.1/8.63	93.6kg
250 (10")	654/25.75	460/18.11	700/27.56	3/4"	Ø273/10.75	132kg
300 (12")	762/30.00	590/23.23	840/33.07	3/4"	Ø323.9/12.75	206kg

### Ordering Information

Description	Size (mm)	Part Number
RASCO Y Strainer Grooved/Grooved	50 (2")	7U99002138
RASCO Y Strainer Grooved/Grooved 73mm	65 (2.5")	7U99002139
RASCO Y Strainer Grooved/Grooved 76mm	80 (3")	7U99002140
RASCO Y Strainer Grooved/Grooved	100 (4")	7U99002141
RASCO Y Strainer Grooved/Grooved	125 (5")	7U99002142
RASCO Y Strainer Grooved/Grooved	150 (6")	7U99002143
RASCO Y Strainer Grooved/Grooved 165mm	200 (8")	7U99002145
RASCO Y Strainer Grooved/Grooved 168mm	250 (10")	7U99002144
RASCO Y Strainer Grooved/Grooved	300 (12")	7U99002146
RASCO Y Strainer Grooved/Grooved	DN250	7U99002147
RASCO Y Strainer Grooved/Grooved	DN300	7U99002148

### Mesh

NPS	Screen Hole Diameter (mm)	Open Area
2	3.3	21.3%
2.5	3.3	23.2%
3	3.3	23.9%
4	4.78	24.8%
5	4.78	24.1%
6	6	22.6%
8	6.4	24.4%
10	6.4	24.6%
12	6.4	24.9%