



PLUG 3/4"

Working Pressure & Temperature

Max Working Pressure: 300PSI / 21 Bar
 Working Temperature: -10°C to 120°C
 Flanged Ends: Raised Flanges
 ANSI B16.1 150
 EN1092-2
 PN10/PN16 (PN10 up to 6")



FBE coating internally and externally RAL3002

Material List

Component	Material
Body	Ductile Iron ASTM A536 65-45-12
Cover	Ductile Iron ASTM A536 65-45-12
Screen	Stainless Steel AISI 304
Gasket	EPDM
Plug	Carbon Steel

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	Weight
50 (2")	203 (7.99")	132 (5.20")	195 (7.68")	7.55kg
65 (2.5")	254 (10.00")	158 (6.22")	240 (9.45")	13.05kg
80 (3")	260 (10.24")	175 (6.89")	270 (10.63")	17kg
100 (4")	308 (12.13")	202 (7.99")	320 (12.60")	26kg
125 (5")	398 (15.67")	290 (11.42")	425 (16.73")	32kg
150 (6")	472 (18.58")	334 (13.15")	495 (19.49")	55.6kg
200 (8")	550 (21.65")	391 (15.39")	570 (22.44")	93.6kg
250 (10")	654 (25.75")	460 (18.11")	700 (27.56")	132kg
300 (12")	762 (30.00")	590 (23.23")	840 (33.07")	206kg

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%

Ordering Information

Description	Size (mm)	Part Number
RASCO Y Strainer Flanged/Flanged (PN10/PN16)	50 (2")	7U99002111
RASCO Y Strainer Flanged/Flanged (PN10/PN16)	65 (2.5")	7U99002112
RASCO Y Strainer Flanged/Flanged (PN10/PN16)	80 (3")	7U99002113
RASCO Y Strainer Flanged/Flanged (PN10/PN16)	100 (4")	7U99002114
RASCO Y Strainer Flanged/Flanged (PN10/PN16)	125 (5")	7U99002115
RASCO Y Strainer Flanged/Flanged (PN10/PN16)	150 (6")	7U99002116
RASCO Y Strainer Flanged/Flanged (PN16)	200 (8")	7U99002117
RASCO Y Strainer Flanged/Flanged (PN16)	250 (10")	7U99002118
RASCO Y Strainer Flanged/Flanged (PN16)	300 (12")	7U99002119

Description	Size (mm)	Part Number
RASCO Y Strainer Flanged/Flanged (ANSI)	50 (2")	7U99002120
RASCO Y Strainer Flanged/Flanged (ANSI)	65 (2.5")	7U99002121
RASCO Y Strainer Flanged/Flanged (ANSI)	80 (3")	7U99002122
RASCO Y Strainer Flanged/Flanged (ANSI)	100 (4")	7U99002123
RASCO Y Strainer Flanged/Flanged (ANSI)	125 (5")	7U99002124
RASCO Y Strainer Flanged/Flanged (ANSI)	150 (6")	7U99002125
RASCO Y Strainer Flanged/Flanged (ANSI)	200 (8")	7U99002126
RASCO Y Strainer Flanged/Flanged (ANSI)	250 (10")	7U99002127
RASCO Y Strainer Flanged/Flanged (ANSI)	300 (12")	7U99002128