



Features

- Cylindrical body with drain plug
- Robust, hemispherical screen
- Body and strainer made from corrosion-resistant stainless steel
- Minimum pressure loss

Application

In piping systems upstream of equipment that is sensitive to dirt. For liquids, gases, steam and aggressive fluids.

Dimensions and Weights for Wafer-Type Strainers

Types SZ 36A

Nominal size	[mm]	40	50	65	80	100	125	150	200
	[Inch]	1½	2	2½	3	4	5	6	8
Overall length	L	31,5	40	46	50	60	90	106	140
	∅ Z _{min}	83	96	110	128	151	–	–	–
	∅ Z _{max}	104	118	136	158	186	–	–	–
∅ D	Class 125/150	–	–	–	–	–	194	220	275
	PN 10/16	–	–	–	–	–	194	220	275
	PN 25	–	–	–	–	–	194	226	286
	PN 40	–	–	–	–	–	194	226	293
	Class 300	–	–	–	–	–	216	251	308
Weight	[kg]	1	1.6	2.1	2.9	4.7	10	14	26

Pressure/Temperature Ratings *)

Type	PN/Class	Material		Pressure / temperature p / T [bar] / [°C]		
		EN	ASTM			
SZ 36A	PN 40 / Class 300	1.4408	A351 CF8M	49.6 / -200	35.7 / 200	24.9 / 550

*) For more detailed pressure/temperature specifications as a function of the end connection refer to the data sheet.

Design

- DN 40 – 100: Body with centering cams suitable for sandwiching between flanges
PN 6-40 and 100 class 150 / 300.
Standard strainer, mesh size 1.25 mm
- DN 125 – 200: Cylindrical body
Standard strainer, mesh size 1.6 mm
- optional
DN 40 – 200: Fine screen
mesh size 0.25 mm