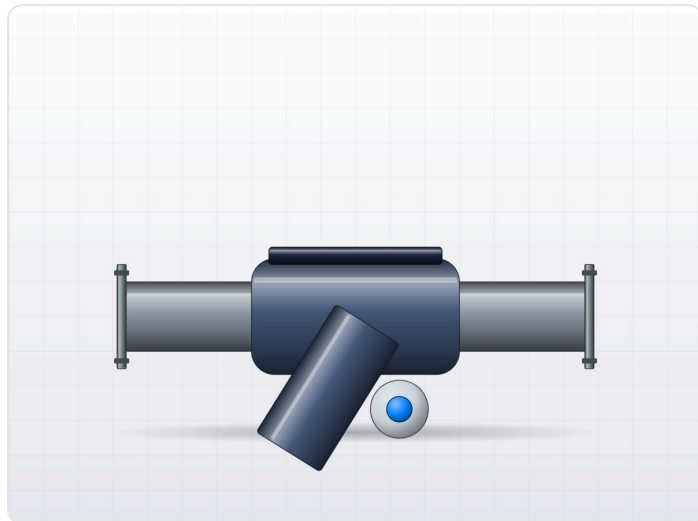


ILLUSTRATIVE DEMONSTRATION DATASHEET — fictional product and data; not for engineering or purchasing use.

YS-80 Y-Strainer

Model YS-80

Y-type strainer that protects pumps and valves from debris.



NOMINAL SIZE
**DN 15 – DN
300**

PRESSURE CLASS
PN 16

TEMPERATURE
-10 to 200 °C

MESH
0.5 – 3 mm

OVERVIEW

The YS-80 catches pipe scale, weld spatter and debris upstream of pumps, valves and meters. A removable screen can be cleaned through the cap and drain connection.

Screen mesh is selected by the downstream equipment.

KEY FEATURES

- Removable screen
- Cap with drain connection
- Mesh options 0.5–3 mm
- Flanged connections

TECHNICAL SPECIFICATIONS

DIMENSIONS	Nominal size	DN 15 – DN 300
DIMENSIONS	End connections	Flanged, EN 1092-2
RATINGS	Pressure class	PN 16
RATINGS	Temperature	-10 to 200 °C
SCREEN	Mesh options	0.5, 1, 2, 3 mm
SCREEN	Open area	$\geq 3 \times$ bore area
DRAIN	Connection	G $\frac{1}{2}$ – G1
MASS	DN 100	22 kg

MATERIALS OF CONSTRUCTION

BODY	Cast iron or stainless steel
SCREEN	Stainless steel 304
CAP	As body
GASKET	Graphite

STANDARDS AND OPERATING CONDITIONS

Design reference: EN 12516 body rating (illustrative)
Water, steam and neutral liquids.