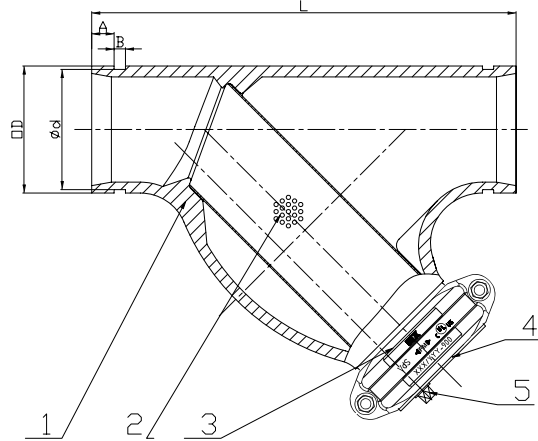


Y-Strainer - Grooved

YSG

Technical Features

- **Sizes available (Nominal) :** DN50/2", DN65/2½", DN80/3", DN100/4", DN125/5", DN150/6", DN200/8", DN250/10" and DN300/12"
- **Pressure data :**
Working pressure : 21 bar (300 psi).
- **Finish :** Fusion bonded epoxy coated internal and external
- **Connections :** Grooved joint dimensions are made in accordance with ANSI/AWWA C606 (ductile iron pipe and steel pipe) and metric pipe specifications



Y-Strainer - Grooved - YSG

Physical Data

Nominal Pipe Size		Pipe O.D. (mm)	Drain Plug BSP Thread	Dimensions (mm)				Reference	Weight (kg)
Metric	inch			L	D	A	B		
DN50	2	60.3	15 mm	247.5	57.2	15.9	7.9	YSG-0200	3.8
DN65	2½"	73.0	25 mm	273	69.1	15.9	7.9	YSG-0250-073	6.2
		76.1			72.3	15.9	7.9		
DN80	3"	88.9	25 mm	298.5	84.9	15.9	7.9	YSG-0300	9.2
DN100	4"	114.3	40 mm	362	110.1	15.9	9.5	YSG-0400	15.3
DN125	5"	139.7	50 mm	419	135.5	15.9	9.5	YSG-0500-139	21.6
		141.3			137.0	15.9	9.5	YSG-0500-141	21.8
DN150	6"	165.1	50 mm	470	160.0	15.9	9.5	YSG-0600-165	32.0
		168.3			164.0	15.9	9.5	YSG-0600-168	32.7
DN200	8"	219.1	50 mm	609	214.4	19.1	11.1	YSG-0800	70.9
DN250	10"	273.0	50 mm	686	268.3	19.1	12.7	YSG-1000	108.6
DN300	12"	323.9	50 mm	762	318.3	19.1	12.7	YSG-1200	159.4

Y-Strainer - Grooved - YSG

Screen Data

DN		Sieve No.	Hole Dia. (mm)	Free Flow Area (%)
inch	mm			
2"-2½"	50-65	25	4	48
3"-4"	80-100	18	5	53
5"	125	13	6	58
6"-12"	150-300	12	6.3	56

Y-Strainer - Grooved - YSG

Materials List

Item	Description	Material	Specification
1	Valve Body	Ductile Iron	ASTM A536 65-45-12
2	Screen	Stainless Steel	AISI 304 (Perforated)
3	Rigid Coupling	Ductile Iron	ASTM A536 65-45-12
	Coupling Gasket	EPDM	Commercial
4	Cap	Ductile Iron	ASTM A536 65-45-12
5	Plug	Malleable Iron	Galvanized

