

# Fig. KIS25

## Ductile Iron Y-Strainer

### PN25

#### Notes:

- Pressure Rating: PN25
- Working Medium: Water, Oil, Steam
- Flanged to BS4504 / BS EN1092-2
- Bolted cover with drain plug
- SS304 Mesh
- Other flange standards available upon request
- ANSI standards available upon request.
- Mesh details in separate section
- Higher sizes available upon request

#### Material Specifications

Description	Material
Body	Ductile Iron
Screen	SS304
Bonnet	Ductile Iron
Plug	Ductile Iron

#### Dimensions

DN	L	D	D1	D2	H	b	f	n-d
65	273	185	145	118	189	19	3	8-19
80	292	200	160	132	213	19	3	8-19
100	352	235	190	156	226	19	3	8-23
125	416	270	220	184	273	19	3	8-28
150	470	300	250	211	301	20	3	8-28
200	543	360	310	274	370	22	3	12-28
250	660	425	370	330	457	24.5	3	12-31
300	762	485	430	380	540	27.5	4	16-31
350	980	555	490	448	740	30	4	16-34
400	1100	620	550	503	850	32	4	16-37
450	1200	670	600	548	800	34.5	4	20-37

All dimensions are nominal (indicative)  
Actual dimensions may vary

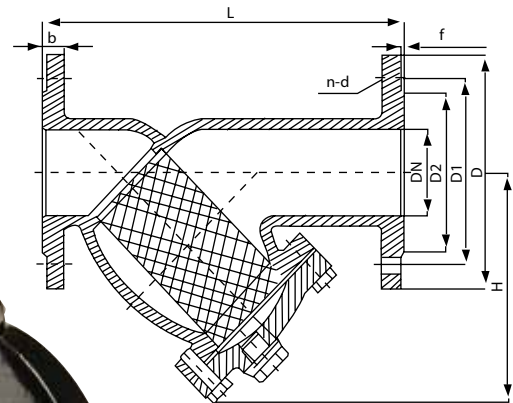


Fig. No. KIS25



# STRAINER MESH DETAILS

## MESHES OF STRAINER FOR PN25 (KBS25,KBSBL25)

DN	Diameter of Hole	Thickness	Free Area Percentage	Meshes/cm2	Material
DN15	0.7mm	0.4	50%	60	Stainless Steel 304
DN20	0.7mm	0.4	50%	60	
DN25	0.7mm	0.4	50%	60	
DN32	1.4mm	0.5	46%	28	
DN40	1.4mm	0.5	46%	28	
DN50	1.4mm	0.5	46%	28	

## MESHES OF STRAINER FOR PN20 (KBS20)

DN	Diameter of Hole	Thickness	Free Area Percentage	Meshes/cm2	Material
DN15	0.7mm	0.4	50%	60	Stainless Steel 304
DN20	0.7mm	0.4	50%	60	
DN25	0.7mm	0.4	50%	60	
DN32	1.4mm	0.4	46%	28	
DN40	1.4mm	0.4	46%	28	
DN50	1.4mm	0.4	46%	28	

## MESHES OF STRAINER FOR PN16 /PN 25 (KIS16 / KIS25)

DN	Diameter of Hole	Thickness	Meshes /cm2	Material
DN65	1.2 mm	0.8	36	Stainless Steel 304
DN80	1.2 mm	0.8	36	
DN100	3.0 mm	1	9	
DN125	3.0 mm	1	9	
DN150	3.0 mm	1	9	
DN200	3.0 mm	1	9	
DN250	3.0 mm	1	9	
DN300	3.0 mm	1	9	
DN350	3.0mm	1	9	
DN400	3.0mm	1.75	9	
DN450	3.0mm	1.75	9	
DN500	3.0mm	2	9	
DN600	3.0mm	2	9	

## MESHES OF BASKET STRAINER PN16 (KIBS16)

DN	Diameter of Hole	Thickness	Material
DN65	1.5	0.5	Stainless Steel 304
DN80	1.5	0.5	
DN100	3	1	
DN125	3	1	
DN150	3	1	
DN200	3	1	
DN250	3	1	
DN300	3	1	
DN350	3	1	
DN400	3	1	
DN450	3	1	
DN500	3	1	
DN600	3	1	