

Mud Box (Basket Strainer) - Straight Type
 DIN Length

Technical features

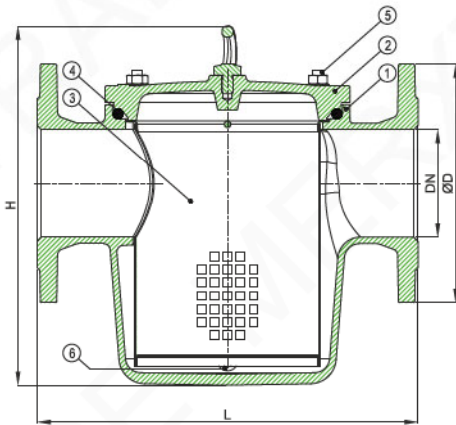
Design	DIN 87151 D - With fixed studs and nuts
Face to face	DIN 87151 - Straight Type
Flange dimension	DIN Flanges acc. to EN 1092-2/B (DIN 2501)
Optio	,

- New execution Cast Iron Dikkan mud boxes with DIN face to face length and drain plug are installed in suction pipes board vessels to protect pumps against large solids. The standard perforation of the basket is 5 mm square for DN 25 to DN 65 and 8 mm square for DN 80 to DN 300. As an option basket perforation can be 3 mm or other special perforation. The cover is mounted with studs and hexagon nuts. Easy removable cover for cleaning. Increased basket volume and decreased service time. Flanges are provided with a blind bass, suitable for mounting manometer.

- Application: Especially for suction and discharge lines for sea cooling water and bilge systems.

Pressure & temperature ranges

Bore	Pressure rating	Hydro test pressure [bar]	
		Casing	
DN 25 - DN 300	PN4	6	


Material specifications

Part No.	Component	Material		
1	Body	EN-GJL250	EN-JL 1040	GG25
2	Cover	EN-GJL250	EN-JL 1040	GG25
3	Basket	X5CrNiMo17-12-2	1.4401	AISI316
4	Cover sealing	NBR	NBR	NBR
5	Stud bolts, nuts	Steel	Steel	Steel
6	Drain plug	CuZn39Pb3	CW614N	Ms58

Dimensions & ordering codes

DN [mm]	Flange Connection	ØD [mm]	L [mm]	H [mm]	Screen Perf	Drain Plug	Air Plug	Weight [kg]
25	PN10	115	160	180	5x5	R3/8"	-	5
32	PN10	140	200	210	5x5	R3/8"	-	8
40	PN10	150	200	192	5x5	R1/2"	-	8.5
50	PN10	165	230	209	5x5	R1/2"	-	12
65	PN10	185	290	250	5x5	R1/2"	-	16
80	PN10	200	310	275	8x8	R1/2"	-	20
100	PN10	220	350	331	8x8	R1/2"	-	28
125	PN10	250	400	392	8x8	R1/2"	-	39
150	PN10	285	480	446	8x8	R1/2"	-	62
200	PN10	340	600	549	8x8	R3/4"	R1/2"	103
250	PN10	395	600	587	8x8	R1"	R1/2"	141
300	PN10	445	600	660	8x8	R1"	R1/2"	179
300	PN10	445	700	660	8x8	R1"	R1/2"	189

Mud Box (Basket Strainer) - Straight Type

DIN Length

Technical features

Design	DIN 87151 D - With fixed studs and nuts
Face to face	DIN 87151 - Straight Type
Flange dimension	DIN Flanges acc. to EN 1092-2/B (DIN 2501)

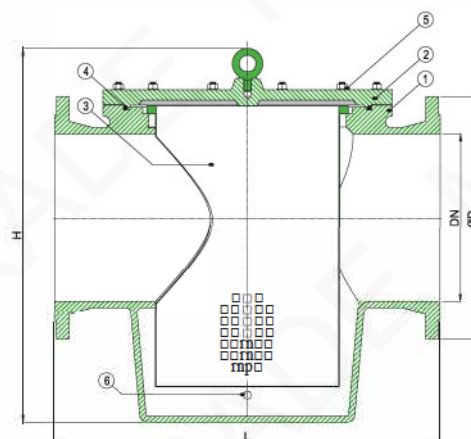
• Cast Iron Dikkan mud boxes with DIN face to face length and drain plug are installed in suction pipes board vessels to protect pumps against large solids. The standard perforation of the basket is 8 mm square. As an option basket perforation can be 3 mm, 5 mm or other special perforation. The cover is mounted with studs and hexagon nuts.

• Application: Especially for suction and discharge lines for sea cooling water and bilge systems.



Pressure & temperature ranges

Bore	Pressure rating	Hydro test pressure [bar]	
		Casing	
DN 350 - DN 450	PN4	6	
DN 500 - DN 700	PN2.5	3.8	



Material specifications

Part No.	Component	Material		
1	Body	EN-GJL250	EN-JL 1040	GG25
2	Cover	EN-GJL250	EN-JL 1040	GG25
3	Basket	X5CrNiMo17-12-2	1.4401	AISI316
4	Cover sealing	NBR	NBR	NBR
5	Stud bolts, nuts	Steel	Steel	Steel
6	Drain plug	CuZn39Pb3	CW614N	Ms58

Dimensions

DN [mm]	Flange Connection	OD [mm]	L [mm]	H [mm]	Screen Perf	Drain Plug	Air Plug	Weight [kg]
350	PN10	505	610	750	8x8	R1"	R1/2"	200
350	PN10	505	690	750	8x8	R1"	R1/2"	215
350	PN10	505	800	750	8x8	R1"	R1/2"	230
400	PN10	565	740	900	8x8	R1"	R1/2"	305
450	PN10	615	1000	1000	8x8	R1"	R1/2"	500
500	PN10	670	1100	1210	8x8	R1"	R1/2"	765
600	PN10	780	1100	1100	8x8	R1 1/2"	R1/2"	830
700	PN10	895	1250	1150	8x8	R1 1/2"	R1/2"	900