

STRAINER

# Straight Type Mud Box With Quick Release Bonnet

REF **EFC-423** ISSUED 06 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN600</b>
Pressure	<b>PN4 (4 bar; PN2.5 above DN500)</b>
End connection	<b>flanged (DIN EN 1092) / flanged (DIN EN 1092) / flanged (ANSI) / flanged (JIS)</b>
Media	<b>Sea cooling water</b>

## STANDARDS

Design	<b>DIN87 151-D Straight</b>
Test	<b>DIN EN 12266</b>

## MATERIALS

Body	<b>GG25, GGG40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>	Screen	<b>AISI 304L, AISI 316L, AISI 316Ti, CuNi10Fe</b>
Bonnet	<b>GG25, GGG40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>	Ring screw	<b>Galvanized Steel</b>
Stud	<b>Steel, A2, A4</b>	Nut	<b>Steel, A2, A4</b>
Plug	<b>Bronze, AISI 304, AISI 316</b>		

## FEATURES

- Totally stainless steel or bronze discs optional in 3" and bigger sizes

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

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SECTION Dimensions per size REF EFC-423

SIZE	L	H	H	PN10 D	PN10 K	PN10 OXN	PN16 D	PN16 K	PN16 OXN	WEIGHT
DN40	200	205	95	150	110	Ø18x4	150	110	Ø18x4	14 kg
DN50	230	225	106	165	125	Ø18x4	165	125	Ø18x4	19 kg
DN65	290	260	134	185	145	Ø18x4	185	145	Ø18x4	26 kg
DN80	310	310	156	200	160	Ø18x8	200	160	Ø18x8	33 kg
DN100	350	345	185	220	180	Ø18x8	220	180	Ø18x8	45 kg
DN125	400	395	225	250	210	Ø18x8	250	210	Ø18x8	60 kg
DN150	480	465	265	285	240	Ø22x8	285	240	Ø22x8	86 kg
DN200	600	565	335	340	295	Ø22x12	340	295	Ø22x12	—
DN250	600	610	345	395	350	Ø22x12	405	355	Ø26x12	—
DN300	700	675	390	445	400	Ø22x12	460	410	Ø26x12	—
DN350	800	790	425	505	460	Ø26x16	520	470	Ø26x16	—
DN400	740	900	470	565	515	Ø26x16	580	525	Ø30x16	—
DN500	1000	1100	525	670	620	Ø26x20	715	650	Ø33x20	—
DN600	1100	1100	670	780	725	Ø30x20	840	770	Ø36x20	—

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.