



- Screen made of stainless steel.
- Strong construction of screen.
- Cleaning of screen without disassembling
- Face-to-face length acc to DIN 3202-F1

Figure	Nom. pressure	Material	Nom. diameter
821A	PN 16	GG-25	DN 15-400
821D	PN 16	GGG-50	DN 15-300
821D	PN 25	GGG-50	DN 15-300
821F	PN 40	GS-C25	DN 15-200

Selection of possible application

- Steam
- Powerstations
- Industrial cold and hot water
- Neutral fluids
- Drinking water
- Recycling facilities
- Shipbuilding
- General plant manufacturing

Dimension and kv values

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
H (PN16/25)	90	100	115	135	150	160	180	215	235	280	320	405	540	680	755	835
H (PN 40)	70	80	88	100	125	140	170	190	225	260	320	420	--	--	--	--
H1	135	150	180	215	240	250	285	330	365	425	480	610	915	1110	1200	1320
B	56	68	82	98	114	119	134	149	169	199	224	284	434	555	640	695
ØC	23	28	36	42	50	61.5	78.5	89.5	109.5	137.5	160	210	258	308	365	415
Kv-values	5.7	10.4	16.4	27.3	46.8	64.7	86.9	107.9	217.0	307.8	436.7	789.2	1061.0	1250.0	1800.0	2200.0
Weight approx (kg)	2.7	3.6	4.5	6.8	9.0	11.0	16.8	22.0	34.0	46.0	71.0	134.5	170	290	373.0	461.0
Standard. screen (Mesh/cm2)	45	45	45	45	45	45	28	28	15	15	15	15	15	15	15	15
MeshØ	1.0	1.0	1.0	1.0	1.0	1.0	1.25	1.25	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6

Material

Figure	821A PN16	821D PN16	821D PN25	821F PN40	
Part	Description	Cast Iron	Nodular Iron	Nodular Iron	Cast Steel
1	Body	GG-25 (0.6025)	GGG-50	GGG-50	GS-C25 (1.0619)
2	Bonnet	GG-25 (0.6025)	GGG-50	GGG-50	GS-C25 (1.0619)
3	Strainer screen	AISI 304 (X5CrNi 18-10,1.4301)			
4	Studs	5.6	Ck 35		
6	Emptying screw	45 (C45) galvanizing			Ck 35
7	Gasket	Graphite-CrNiSt			
8	Plug* (G1/4")	45 (C45) galvanizing			--
	Plug's Gaskets	A4 (WNR-1.4571)			--

* on request (add. cost)

Pressure-temperature-classification

Material	PN	-10°C	120°C	200°C	250°C	300°C	350°C	400°C
GG-25	16	16 bar	16 bar	12.8 bar	11.2 bar	9.6 bar	---	---
GGG-40.3	16	16 bar	16 bar	14.4 bar	12.8 bar	11.2 bar	8.8 bar	---
GGG-40.3	25	25 bar	25 bar	22.5 bar	20 bar	17.5 bar	13.8 bar	---
1.0619 / C22.8	40	40 bar	40 bar	35 bar	32 bar	28 bar	24 bar	21 bar