



PN 10/16 - DN 15...300

KAT-A 2260



Note

For proper installation and safe operation please follow the installation and operation instructions:

“Installation and Operating Instructions for Valves”

Product characteristics and benefits

- Face-to-face length acc. to EN 558-1, basic series 1 (DIN 3202, F1)
- With flange ends on both sides acc. to EN 1092-2
- With single strainer

Materials

- Body: Cast iron EN-JL 1040 (GG-25)
- Bolts: Galvanized steel
- Strainer: Stainless steel 1.4301
- Strainer carrier: Stainless steel 1.4301

Corrosion protection

- Inside and outside epoxy coating

Versions

- Standard version as described
- Pressure rating PN 25 available on request
- For high temperatures
- With double strainer

Field of Application

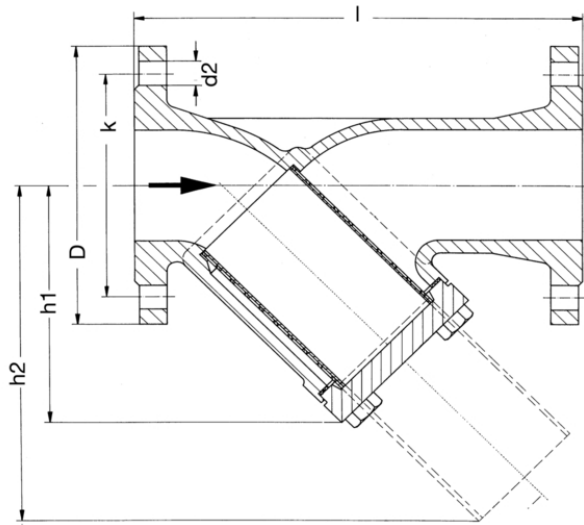
- Chamber installation
- Installation in plants

Field of application

DN	PN	Maximum operating pressure [bar]	Maximum operating temperature for neutral liquids [°C]
15...300	16	16	50
200...300	10	10	50



Drawing



Technical data

PN 16

DN	15	20	25	32	40	50	65	80	100	125	150	200
D [mm]	95	105	115	140	150	165	185	200	220	250	285	340
d2 [mm]	14	14	14	19	19	19	19	19	19	19	23	23
h1 [mm]	75	85	105	115	130	140	165	175	240	280	360	395
h2 [mm]	100	110	145	150	185	200	235	245	345	405	475	575
k [mm]	65	75	85	100	110	125	145	160	180	210	240	295
l [mm]	130	150	160	180	200	230	290	310	350	400	480	600
No. of holes	4	4	4	4	4	4	4	8	8	8	8	12
Strainer mesh size	0.80	0.80	0.80	0.80	0.80	0.80	0.80	1.12	1.12	1.12	1.12	1.60
flow resistance [ZETA] coefficient	1.80	2.00	2.30	2.70	2.90	3.00	3.20	3.30	3.30	3.40	3.40	3.50
Weight approx. [kg]	2.00	2.90	4.50	6.50	7.60	9.80	15.90	18.30	26.30	40.00	61.20	116.50

PN 16

DN	250	300
D [mm]	405	460
d2 [mm]	28	28
h1 [mm]	470	560
h2 [mm]	680	820
k [mm]	355	410
l [mm]	730	850
No. of holes	12	12
Strainer mesh size	1.60	1.60
flow resistance [ZETA] coefficient	3.95	4.33
Weight approx. [kg]	165.00	282.00

VAG Strainer (Dirt Trap) with single strainer



Water

Technical data

PN 10

DN		200	250	300
D	[mm]	340	405	460
d2	[mm]	23	23	23
h1	[mm]	395	470	560
h2	[mm]	575	680	820
k	[mm]	295	350	400
l	[mm]	600	730	850
No. of holes		8	12	12
Strainer mesh size		1.60	1.60	1.60
flow resistance [ZETA] coefficient		3.50	3.95	4.30
Weight approx.	[kg]	116.50	165.00	282.00