

INFORMATION SHEET

CAST IRON Y TYPE PN 16 FLANGE

Materials: Body: cast iron JL 1040, Screen: stainless steel 1.4301 (from DN 150 perforated plate 1.4301), Gasket: graphit reinforced

Connection: flanged ends DIN

Test pressure: 24 bar



DN	L	A	Mesh-width*	Weight (kg)
15	130	75	0,50	2,20
20	150	75	0,50	2,20
25	160	90	0,75	3,80
32	180	90	0,75	5,00
40	200	110	0,75	6,50
50	230	120	0,75	8,50
65	290	140	0,75	12,00
80	310	165	1,20	16,60
100	350	220	1,20	25,00
125	400	260	1,20	39,00
150	480	300	1,50	61,00
200	600	360	1,50	120,00
250	730	550	2,80	170,00
300	850	610	2,80	300,00
350	980	590	5,00	480,00
400	1100	640	5,00	570,00

* Fine screens at all nominal diameters mesh width 0,25 mm, free area 37%
** When ordering with fine screen: Article-Nr. + addition with F-SIEB

DN	L1	D1	Fo	KVS1	KVS2	Zet1	Zet2	Ø G	Ø R	P	D	B
15	53	25	39%	5,60	5,50	2,58	2,68	49	40	1,0	70x70	115
20	53	25	39%	10,70	10,30	2,24	2,41	49	40	1,0	70x70	115
25	68	31	38%	17,80	16,26	2,02	2,6	55	46	1,0	75x75	135
32	71	38	38%	29,15	26,60	1,97	2,37	55	46	1,0	75x75	135
40	91	47	38%	46,10	41,80	1,93	2,34	67	56	1,0	90x90	170
50	105	57	38%	71,60	63,70	1,95	2,46	74	66	1,0	98x98	190
65	123	73	38%	119,50	105,40	2,00	2,57	94	83	1,0	111x111	220
80	144	88	36%	173,50	144,00	2,18	3,16	109	100	1,0	136x136	265
100	184	108	36%	217,50	196,70	3,38	4,14	134	120	1,0	Ø 194	340
125	221	135	36%	364,40	320,00	2,94	3,81	169	150	1,5	Ø 234	410
150	260	160	36%	537,00	468,00	2,81	3,70	194	175	1,5	Ø 264	475
200	360	208	36%	820,00	769,00	3,81	4,33	240	209	2,0	Ø 290	580
250	335	227	35%	1260,00	1108,00	3,94	5,09	319	275	2,0	Ø 345	830
300	390	275	35%	1735,00	1520,00	4,31	5,61	379	320	2,0	Ø 401	950
350	633	360	35%	1230,00	953,00	4,20	5,10	396	360	2,00	Ø 530	950
400	710	410	35%	1405,00	1089,00	3,50	4,20	450	410	2,00	Ø 580	1150

DIMENSIONS KEY

DN	Nominal diameter
L	Face to face dimension (mm)
A	Centre line of pipe to end of cover (mm)
L1	Screen length (mm)
D1	Screen diameter (mm)
Fo	Free screen area standard element (mm)
KVS1	KVS-Value standardscreen (m3/h)
KVS2	KVS-Value fine screen (m3/h)
Zet1	Zeta-Value standardscreen
Zet2	Zeta-Value fine screen
Ø G	Outer-diameter coverflange gasket (mm)
Ø R	Inner-diameter coverflange gasket (mm)
P	Thickness coverflange gasket (mm)
D	Coverflange size
B	Distance required to remove screen (mm)

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