



ECON® Y-filter Type: 1020 Ductile cast iron Flange

Characteristics

Type: 1020

Application

- Gases, steam, water, oil and other process fluids
- Perforation of 0.25mm suitable for steam applications

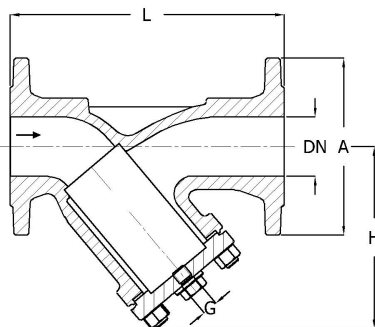
Technical Information

- Horizontal piping
- Vertical piping with downwards flow
- Max. differential pressure 1bar
- Suitable for suction and delivery piping
- With drain plug as standard
- Pressure class for DN 15 to DN 200 in PN 25, for DN 250 and greater in PN 16
- Max. differential pressure 1bar
- All measuring connectors have two 0.25-inch BSP female threads.
- Various types of measuring nipples are available that can be connected to IMI (TA) or Oventrop measuring computers.
- At the measuring connectors, the differential pressure (and therefore also the contamination) can be measured directly at the filter using a coated differential pressure gauge (type 755), in combination with a reed switch if necessary.

Options

- Available with other perforations from 0.25mm to 3.0mm
- Available with magnet
- Available with material certificate EN 10204 3.1

Size table:

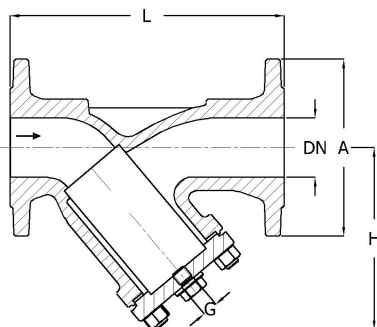


DN	A	G	H	L	Diameter screen	Height screen	Weight
	mm		mm	mm	mm	mm	kg
DN15	95	3/8"	90	130	23	56	2.6
DN20	105	3/8"	100	150	28	68	3
DN25	115	3/4"	115	160	36	82	4.3
DN32	140	3/4"	135	180	42	98	6.8
DN40	150	1"	150	200	50	114	9
DN50	165	1"	160	230	61.5	119	11
DN65	185	1"	180	290	78.5	134	16.8
DN80	200	1"	215	310	89.5	149	19.5
DN100	235	1.1/2"	240	350	108.5	169	29.6
DN125	270	1.1/2"	280	400	137.5	199	42.5
DN150	300	1.1/2"	330	480	160	224	56
DN200	340	1.1/2"	405	600	210	284	144

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Size table:

DN	A	G	H	L	Diameter screen	Height screen	Weight
DN250	405	1.1/2"	540	730	258	434	175
DN300	460	1.1/2"	680	850	308	555	290



Pressure and temperature range							
Pressure rating	-10/120	150	200	250	300	350	[°C]
PN25	25	24.3	23	21.8	20	17.5	[bar]

Material quality	Nominal inner diameter	Pressure rating	Face to Face length	Perforation size	With measuring connections	Cover model	With drain plug	Material cover	Article
			mm	mm					
EN-JS1020	DN15	PN25	130	0.25	No	Flanged	Yes	EN-JS1020	12712482
EN-JS1020	DN15	PN25	130	0.25	Yes	Flanged	Yes	EN-JS1020	14151772
EN-JS1020	DN15	PN25	130	1	No	Flanged	Yes	EN-JS1020	12702259
EN-JS1020	DN15	PN25	130	1	Yes	Flanged	Yes	EN-JS1020	14151768
EN-JS1020	DN20	PN25	150	0.25	No	Flanged	Yes	EN-JS1020	12712483
EN-JS1020	DN20	PN25	150	0.25	Yes	Flanged	Yes	EN-JS1020	14151784
EN-JS1020	DN20	PN25	150	1	No	Flanged	Yes	EN-JS1020	12592221
EN-JS1020	DN20	PN25	150	1	Yes	Flanged	Yes	EN-JS1020	14151783
EN-JS1020	DN25	PN25	160	0.25	No	Flanged	Yes	EN-JS1020	12712484
EN-JS1020	DN25	PN25	160	0.25	Yes	Flanged	Yes	EN-JS1020	14151786
EN-JS1020	DN25	PN25	160	1	No	Flanged	Yes	EN-JS1020	11811926
EN-JS1020	DN25	PN25	160	1	Yes	Flanged	Yes	EN-JS1020	14151785
EN-JS1020	DN32	PN25	180	0.25	No	Flanged	Yes	EN-JS1020	12712485
EN-JS1020	DN32	PN25	180	0.25	Yes	Flanged	Yes	EN-JS1020	14151788
EN-JS1020	DN32	PN25	180	1	No	Flanged	Yes	EN-JS1020	12711932
EN-JS1020	DN32	PN25	180	1	Yes	Flanged	Yes	EN-JS1020	14151787
EN-JS1020	DN40	PN25	200	0.25	No	Flanged	Yes	EN-JS1020	12712486
EN-JS1020	DN40	PN25	200	0.25	Yes	Flanged	Yes	EN-JS1020	14151790
EN-JS1020	DN40	PN25	200	1	No	Flanged	Yes	EN-JS1020	12708504
EN-JS1020	DN40	PN25	200	1	Yes	Flanged	Yes	EN-JS1020	14151789
EN-JS1020	DN50	PN25	230	0.25	No	Flanged	Yes	EN-JS1020	12712487
EN-JS1020	DN50	PN25	230	0.25	Yes	Flanged	Yes	EN-JS1020	14151792
EN-JS1020	DN50	PN25	230	1	No	Flanged	Yes	EN-JS1020	12702814
EN-JS1020	DN50	PN25	230	1	Yes	Flanged	Yes	EN-JS1020	14151791

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Material quality	Nominal inner diameter	Pressure rating	Face to Face length	Perforation size	With measuring connections	Cover model	With drain plug	Material cover	Article
			mm	mm					
EN-JS1020	DN65	PN25	290	0.25	No	Flanged	Yes	EN-JS1020	12712488
EN-JS1020	DN65	PN25	290	0.25	Yes	Flanged	Yes	EN-JS1020	14151794
EN-JS1020	DN65	PN25	290	1.25	No	Flanged	Yes	EN-JS1020	12660147
EN-JS1020	DN65	PN25	290	1.25	Yes	Flanged	Yes	EN-JS1020	14151793
EN-JS1020	DN80	PN25	310	0.25	No	Flanged	Yes	EN-JS1020	12712489
EN-JS1020	DN80	PN25	310	0.25	Yes	Flanged	Yes	EN-JS1020	14151796
EN-JS1020	DN80	PN25	310	1.25	No	Flanged	Yes	EN-JS1020	12703696
EN-JS1020	DN80	PN25	310	1.25	Yes	Flanged	Yes	EN-JS1020	14151795
EN-JS1020	DN100	PN25	350	0.25	No	Flanged	Yes	EN-JS1020	12712490
EN-JS1020	DN100	PN25	350	0.25	Yes	Flanged	Yes	EN-JS1020	14151798
EN-JS1020	DN100	PN25	350	1.6	No	Flanged	Yes	EN-JS1020	12695397
EN-JS1020	DN100	PN25	350	1.6	Yes	Flanged	Yes	EN-JS1020	14151797
EN-JS1020	DN125	PN25	400	0.25	No	Flanged	Yes	EN-JS1020	12712491
EN-JS1020	DN125	PN25	400	0.25	Yes	Flanged	Yes	EN-JS1020	14151800
EN-JS1020	DN125	PN25	400	1.6	No	Flanged	Yes	EN-JS1020	12694785
EN-JS1020	DN125	PN25	400	1.6	Yes	Flanged	Yes	EN-JS1020	14151799
EN-JS1020	DN150	PN25	480	0.25	No	Flanged	Yes	EN-JS1020	12712492
EN-JS1020	DN150	PN25	480	0.25	Yes	Flanged	Yes	EN-JS1020	14151802
EN-JS1020	DN150	PN25	480	1.6	No	Flanged	Yes	EN-JS1020	12711933
EN-JS1020	DN150	PN25	480	1.6	Yes	Flanged	Yes	EN-JS1020	14151801
EN-JS1020	DN200	PN25	600	0.25	Yes	Flanged	Yes	EN-JS1020	14151804
EN-JS1020	DN200	PN25	600	1.6	No	Flanged	Yes	EN-JS1020	12991403
EN-JS1020	DN200	PN25	600	1.6	Yes	Flanged	Yes	EN-JS1020	14151803
EN-JS1020	DN250	PN25	730	0.25	Yes	Flanged	Yes	EN-JS1020	14151806
EN-JS1020	DN250	PN25	730	1.6	Yes	Flanged	Yes	EN-JS1020	14151805
EN-JS1020	DN300	PN25	850	0.25	Yes	Flanged	Yes	EN-JS1020	14151808
EN-JS1020	DN300	PN25	850	1.6	Yes	Flanged	Yes	EN-JS1020	14151807

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