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FIG 821; 821 FS; 821 A

PN16

FLOW TESTS OF FILTERS Cat. No 821 DN 15-300 with MESH OF PERFORATED TIN-PLATE

DN	f diam.	Pressure drop Pmm/H _g	Capacity Q m ³ /h	Coefficient of flow resistance	KV m ³ /h
15	1,1	556	4,2	2,6	5,47
20		540	7,7	2,57	9,73
25		525	12,0	2,5	15,2
32		509	19,6	2,56	24,9
40		490	30,6	2,55	38,9
50		467	47,8	2,56	60,8
65		432	70,3	2,55	103,8
80		399	106,4	2,57	153,5
100		387	166,3	2,56	239,8
125		1,6	365	251,7	2,50
150	350		361,8	2,48	555,9
200	321		644,5	2,47	988,2
250	284		1006,6	2,46	1536,5
300	239		1449,2	2,43	2226,5

FLOW TESTS OF FILTERS Cat. No 821 DN 15-300 with MESH OF PERFORATED TIN-PLATE (different mesh size)

DN	f diam.	Pressure drop Pmm/H _g	Capacity Q m ³ /h	Coefficient of flow resistance	KV m ³ /h
15	1,1	556	4,2	2,6	5,47
20		540	7,7	2,57	9,73
25		525	12,0	2,5	15,2
32		509	19,6	2,56	24,9
40		490	30,6	2,55	38,9
50		467	47,8	2,56	60,8
65	1,6	426	71,3	2,53	104,3
80		393	108	2,54	155,8
100		381	168,8	2,53	243,4
125		365	251,7	2,50	382,7
150	2,5	350	361,8	2,48	555,9
200		315	657,5	2,44	1007,9
250		278	1026,7	2,43	1567,2
300		234	1478,2	2,41	2271,0

**FLOW TESTS OF FILTERS Cat. No 821 FS DN 15-300
with WIRE NET SIEVE**

DN	Pressure drop Pmm/H_g	Capacity Q m³/h	Coefficient of flow resistance	KV m³/h
15	530	4,5	2,48	5,76
20	515	8,1	2,45	10,24
25	500	12,6	2,39	16,0
32	485	20,6	2,44	26,2
40	467	32,2	2,43	40,9
50	445	50,3	2,44	64,0
65	412	74,0	2,43	108,2
80	380	112,0	2,45	161,6
100	369	175,0	2,44	252,5
125	354	259,5	2,42	394,5
150	340	373,0	2,41	573,1

**FLOW TESTS OF FILTERS Cat. No 821 A DN 15-50
with MESH OF PERFORATED TIN-PLATE**

DN	f diam.	Pressure drop Pmm/H_g	Capacity Q m³/h	Coefficient of flow resistance	KV m³/h
15	1,1	556	4,2	2,6	5,47
20		540	7,7	2,57	9,73
25		525	12,0	2,5	15,2
32		509	19,6	2,56	24,9
40		490	30,6	2,55	38,9
50		467	47,8	2,56	60,8

The capacity measured at the pressure of 1,6 MPa.

The filter should be assembled on the pipeline before the flowmeter in such a way that the flow of the medium were in accordance with the arrow, which is on the body of the filter. The screen of the filter should be cleaned during exploitation. For this the cover of the filter should be dismantled. While cleaning the screen any medium should not be inside the pipeline.