



Ceramic foam filter SKF

Porous ceramic body of silicon carbide

Application: for all types of castings (except steel)

Application Temperature: Depending on the casting time and the pouring height

Porosity: 10, 20 and 30 ppi (pores per inch)

Rectangular Filter:

Maximum recommended values for filter capacity TF and casting capacity PR															Packaging unit			
Dimension [mm]		10 ppi				20 ppi				30 ppi				Carton	Palette			
l	x	b	x	t	TF [kg]		PR [kg/s]		TF [kg]		PR [kg/s]		TF [kg]			PR [kg/s]		
					GG	GGG	GG	GGG	GG	GGG	GG	GGG	GG	GGG	GG	GGG		
35	x	35	x	22	56	25	3	2	40	15	2	1	33	11	2	1	1260	25200
40	x	40	x	22	74	32	4	3	52	19	3	2	43	14	2	1	1008	20160
40	x	40	x	15	74	32	4	3	52	19	3	2	43	14	2	1	1456	29120
50	x	30	x	22	69	30	4	2	49	18	3	2	41	14	2	1	1008	20160
50	x	50	x	15	115	50	6	4	81	30	5	3	68	23	4	2	980	19600
50	x	50	x	22	115	50	6	4	81	30	5	3	68	23	4	2	630	12600
55	x	55	x	13	139	61	7	5	98	36	5	3	82	27	4	2	780	15600
60	x	60	x	18	166	72	9	6	117	43	6	4	97	32	5	3	540	10800
65	x	65	x	18	194	85	10	7	137	51	8	4	114	38	6	3	400	8000
75	x	50	x	22	173	75	9	6	122	45	7	4	101	34	5	3	441	8820
75	x	75	x	22	259	113	14	9	182	68	10	6	152	51	8	5	252	5040
100	x	50	x	22	230	100	12	8	162	60	9	5	135	45	7	4	315	6300
100	x	75	x	22	345	150	18	12	243	90	14	8	203	68	11	6	189	3780
100	x	100	x	22	460	200	24	16	324	120	18	10	270	90	14	8	135	2700
150	x	100	x	22	690	300	36	24	486	180	27	15	405	135	21	12	90	1800
150	x	150	x	22	1035	450	54	36	729	270	41	23	608	203	32	18	54	1080

Round Filter:

Maximum recommended values for filter capacity TF and casting capacity PR													Packaging unit			
Dimension [mm]		10 ppi				20 ppi				30 ppi				Carton	Palette	
Dia.	x	t	TF [kg]		PR [kg/s]		TF [kg]		PR [kg/s]		TF [kg]		PR [kg/s]			
			GG	GGG	GG	GGG	GG	GGG	GG	GGG	GG	GGG	GG	GGG		
40	x	15	58	25	3	2	41	15	2	1	34	11	2	1	1456	29120
40	x	22	58	25	3	2	41	15	2	1	34	11	2	1	936	18720
50	x	22	90	39	5	3	64	24	4	2	53	18	3	2	630	12600
55	x	22	109	47	6	4	77	28	4	2	64	21	3	2	486	9720
60	x	22	130	57	7	5	92	34	5	3	76	25	4	2	486	9720
70	x	22	177	77	9	6	125	46	7	4	104	35	5	3	315	6300
75	x	22	203	88	11	7	143	53	8	4	119	40	6	4	280	5600
80	x	22	231	100	12	8	163	60	9	5	136	45	7	4	256	5120
90	x	22	292	127	15	10	206	76	11	6	172	57	9	5	216	4320
100	x	22	361	157	19	13	254	94	14	8	212	71	11	6	135	2700
110	x	22	437	190	23	15	308	114	17	9	256	85	13	8	120	2400

Other dimensions on request

Tolerance: dimensions up to 100mm: +0, -2mm; from 100mm: +0, -3mm

Flatness: max. Deflection 1.5% or 3mm

A guarantee for the stated values cannot be assumed, since this is only approximate. When choosing a bad filter arrangement (directly poured on, large pouring height, insufficient filter support) or to small dimensions of the filter, is a risk that the filter capacity is exceeded. All recommendations apply only with respect to the amended text.

Data subject to alteration.