

TECHNICAL SPECIFICATION SHEET

JG - 02 Silicon Carbide Filters

Parameters

Item Type	Compression Strength (MPa)	Porosity (%)	Bulk Density (g/cm³)	Working Temperature (≤ °C)	Application
JG-0201	≥1.2	≥80%	0.40-0.55	1480	Ductile iron, grey iron and non-ferro alloy.
JG-0202	≥1.5	≥80%	0.40-0.60	1500	For direct pouring and large iron castings
JG-0203	≥1.8	≥80%	0.47-0.55	1480	For wind turbine and large scale castings

Size (mm)	10 ppi				20 ppi			
	Weight (kg)		Flow Rate (kg/s)		Weight (kg)		Flow Rate (kg/s)	
	Grey Iron	Ductile Iron	Grey Iron	Ductile Iron	Grey Iron	Ductile Iron	Grey Iron	Ductile Iron
40x40x15	40	22	3.1	2.3	35	18	2.9	2.2
40x40x22	64	32	4	3	50	25	3.2	2.5
50x30x22	60	30	4	3	48	24	3.5	2.5
50x50x15	50	30	3.5	2.6	45	26	3.2	2.5
50x50x22	100	50	6	4	80	40	5	3
75x50x22	150	75	9	6	120	60	7	5
75x75x22	220	110	14	9	176	88	11	7
100x50x22	200	100	12	8	160	80	10	6.5
100x100x22	400	400	24	15	320	160	19	12
150x150x22	900	450	50	36	720	360	40	30
150x150x40	850-1000	650-800	52-65	54-70	-	-	-	-
300x150x40	1200-1500	1000-1300	75-95	77-100	-	-	-	-
Φ50x22	80	40	5	4	64	32	4	3.2
Φ60x22	110	55	6	5	88	44	4.8	4
Φ75x22	176	88	11	7	140	70	8.8	5.6
Φ80x22	200	100	12	8	160	80	9.6	6.4
Φ90x22	240	120	16	10	190	96	9.6	8
Φ100x22	314	157	19	12	252	126	15.2	9.6
Φ125x22	400	220	28	18	320	176	22.4	14.4

Note : Experienced data, for reference only.

TECHNICAL SPECIFICATION SHEET

JG - 03 Zirconia Ceramic Foam Filter

Parameters

Item Type	Compression Strength (MPa)	Porosity (%)	Bulk Density (g/cm³)	Working Temperature (≤ °C)	Application
JG-03	≥2.0	≥80	0.75 - 1.00	1700	For Stainless Steel, Carbon Steel and large size iron castings filtration

Size (mm)	Flow Rate (kg/s)		Capacity (kg)
	Carbon Steel	Alloyed Steel	
50x50x22	2	3	55
50x50x25	2	3	55
55x55x25	4	5	75
60x60x22	3	4	80
60x60x25	4.5	5.5	86
66x66x22	3.5	5	97
75x75x22	4.5	7	120
100x100x25	8	10.5	220
125x125x30	18	20	375
150x150x30	18	23	490
200x200x35	48	53	960
Φ50x22	1.5	2.5	50
Φ50x25	1.5	2.5	50
Φ60x22	2	3.5	70
Φ60x25	2	3.5	70
Φ70x25	3	4.5	90
Φ75x25	3.5	5.5	110
Φ90x25	5	7.5	150
Φ100x25	6.5	9.5	180
Φ125x30	10	13	280
Φ160x30	13	17	400
Φ200x35	26	33	720

Note : Experienced data, for reference only.