PUREFLOW BIO | BSF BASKET STRAINERS

Catalogue comparison | Made in India | Worldwide service and support

Specification / unit	BSF-50	BSF-85	BSF-115	BSF-220	BSF-430	BSF-650
Maximum flow (m³/h)	50	85	115	220	430	650
Flange size (DN)	DN 100	DN 125	DN 150	DN 200	DN 300	DN 350
Height (mm)	800	850	900	1000	1254	1456
Inlet level (mm)	365	400	420	545	775	960
Outlet level (mm)	160	220	250	270	280	577
Body diameter (mm)	400	400	400	400	500	500
Maximum width (mm)	620	630	640	650	760	780
Basket opening (mm)	5	5	5	5	5	5
Velocity min. / nominal / max. (m/s)	0.5 / 1.0 / 2.0	0.5 / 1.0 / 2.0	0.5 / 1.0 / 2.0	0.5 / 1.0 / 2.0	0.5 / 1.0 / 2.0	0.5 / 1.0 / 2.0
Pressure loss at Vnom (mbar)	50	52.9	55.9	50	50	70.6
Maximum working pressure (bar)	2.5	2.5	2.5	2.5	2.5	2.5
Working temperature range (°C)	10-40	10-40	10-40	10-40	10-40	10-40
Dry weight (kg)	40	44	48	53	113	122
Operating weight (kg)	115	120	125	130	290	325
Material	PP	PP	PP	PP	PP	PP
Inlet and outlet manometers	Optional	Optional	Optional	Optional	Optional	Optional

All models: mesh / pipe opening ratio is listed as 1 / 4.3; confirm its definition with the approved drawing. Pressure-loss figures are listed at nominal velocity, not at maximum flow. Confirm pressure at operating temperature; a vacuum rating is not stated.

Selection: listed maximum flows apply to the catalogue 5 mm basket opening. Review other openings, dirty-basket pressure loss, pump suction conditions, flange standard and cleaning clearance. Above 650 m³/h, request a multi-unit or custom design.

Warranty: one year from invoice date, subject to the agreed exclusions. Dispatch: within 15 working days after order confirmation; transit is additional. Confirm the current specification and supplied scope in the quotation.

Source: Pureflow Bio original BSF specification workbook | Current product page | pureflowbiofloc@gmail.com | Primary: +91-9844411881

Secondary: +91 98455 91881 | +91 96066 71881