

B1 SCB Series

High Performance Activated Carbon Block Filters



The B1 SCB Series features an enlarged outer diameter for greater surface area and higher dirt-holding capacity than standard carbon blocks. With a high activated carbon content, it delivers superior contaminant removal and longer service life. Designed for large-scale industrial and purification systems, the B1 SCB provides stable flow with low pressure drop and enhanced adsorption performance.

Specifications

Construction Materials

Filtration Media	Activated Carbon Block
Core Support	Polypropylene
Gaskets / O-rings	EPDM

Dimensions

Length	254, 508 mm
Inner Diameter	28 mm
Outer Diameter	113 mm
Micron Rating	5 µm

Operating Conditions

Differential Pressure	Max. 4.0 bar at 20 °C
Change-out ΔP	Max. 2.0 bar at 20 °C
Temperature	Max. 70 °C

Features and Benefits

- Enlarged surface area for higher adsorption capacity
- Superior chlorine and organic compound removal
- Low pressure loss with high flow stability
- High-strength structure for long service life
- Optimized for large-scale purification systems

Applications

- Industrial purification
- Water treatment
- Food & beverage
- Chemical process
- Cooling systems
- Drinking water units
- Air filtration
- Power plant

Ordering Information

B1SCB	MICRON	MEDIA	LENGTH	ID/OD	CORE	END STYLE	SEALS
	005 : 5µm	C2 : Activated Carbon	F10 : 254mm F20 : 508mm	1 : Ø28/113	B : PP	1 : DOE	E : EPDM