

BST-RM pre-filter element

The BST-RM filter elements are designed to remove liquid phases and solid particles contained in compressed air and gases.

- High pleated surface area
- Low pressure drops, energy saving
- Drainage barrier
- Double O-Ring Seal
- Stainless steel metal parts
- Color code " green"



The BST-RM series filter elements are used to remove liquid phases and solid particles down to 10 microns.

BST-RM filter elements are designed to be installed downstream the air compressors and liquid separators or as a prefilter upstream the refrigerated dryer.

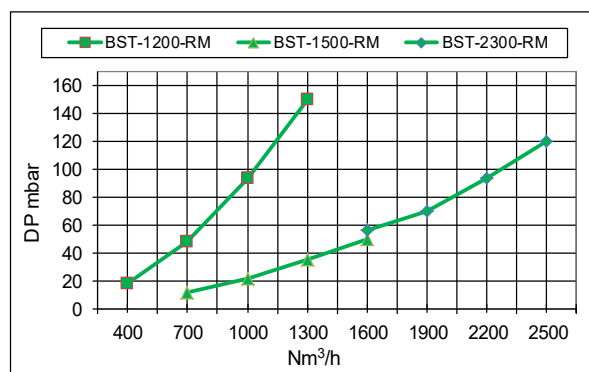
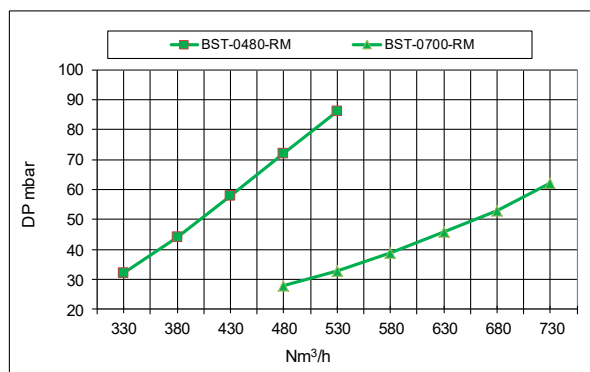
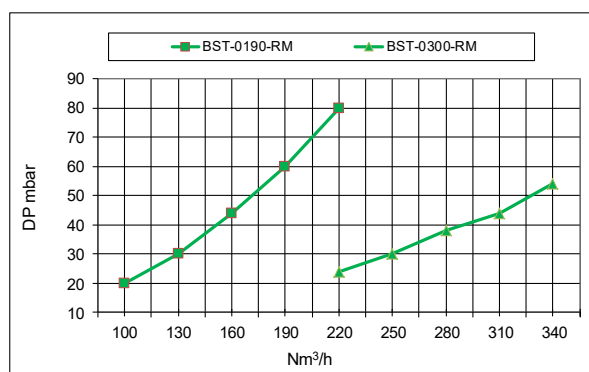
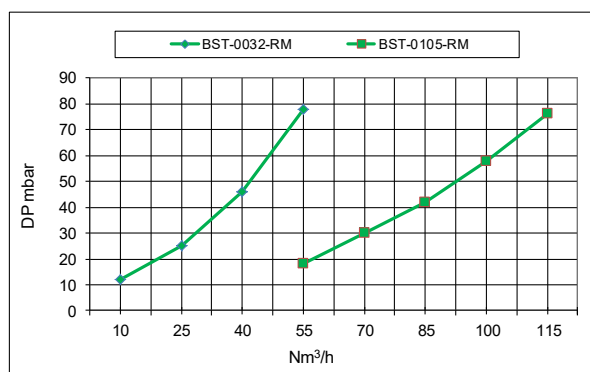
The pleated filtering media enhance the filtering area, lowering the pressure drops and providing a longer service life.

Characteristics	RM
Filtration rating	10 micron
Air Purity Class ISO 8573-1 solid particles	Class x
Residual oil at 20°C	> 5 mg/m ³
Air Purity Class ISO 8573-1 oil aerosol	Class x
Operating temperature range	min. 1°C / max. 100° C
Max. differential pressure	3 bar
Flow direction	Inside / Outside
Media arrangement	Pleated
Pressure drop filter change out	12 mesi o $\Delta P > di$ 500 mbar
Housings suitable	AIR VIP ^{Evo} series

Technical data

Model	Filtering area	Flow rate *		Dimensions mm		Materials
	cm ²	m ³ /h	l/min	OD	length	
BST-0032-RM	450	32	533	54	69	End caps Tecnopolymer Color code "green" Stainless steel BST 1400 & BST 2200
BST-0105-RM	1200	105	1750	54	145	
BST-0190-RM	2400	190	3116	76	162	
BST-0300-RM	3500	300	5000	76	218	Metal supports Stainless steel
BST-0480-RM	5000	480	8000	76	298	
BST-0700-RM	9500	700	11660	94	365	Filter media Fiber composites
BST-1200-RM	12800	1200	20000	94	463	
BST-1400-RM	11000	1400	23333	120	350	Drainage barrier Polyester
BST-1500-RM	9300	1500	25000	115	363	
BST-2200-RM	22000	2200	36666	120	700	Bonding Polyurethane
BST-2300-RM	18900	2200	36666	115	716	
						Gaskets Buna N

Pressure drop



* Flow rates refer to air at 20°C, 1 bar abs., 0% relative humidity and compressed at 7 bar.

Data contained in this bulletin are informative and subject to change without notice.
 User is responsible for determining whether the product is fit for particular purpose and suitable for
 User's method of application.