

MOISTURE SEPARATOR (MSP-11C)

TECHNICAL INFORMATION SHEET

CAST CARBON STEEL (ASTM A216 Gr. WCB)

CLASS / RATING : #150 & #300 | SIZE : 50 NB TO 100 NB



DESCRIPTION

The Volfram Moisture Separators are available in cast steel ASTM A216 WCB. These Moisture Separators are baffle type and used to remove moisture from steam.

SIZES & CLASS / RATINGS

- Available Sizes : 50 NB, 65 NB, 80 NB, 100 NB & above sizes available on request.
- Available Class : #150 & #300 (ASME B 16.5)
- End Connection : Flanged Ends

CERTIFICATION : These Separators are available with IBR certification (Indian Boiler Regulations).

FEATURES

- Multi baffle design to remove condensate with high level of efficiency and reliability.
- Typically contoured body design allows large flow areas to ensure low pressure drops.
- Can also be used on compressed air lines for effective removal of moisture contained in the compressed air.
- Available in Cast steel version in flanged connection as per ASME B16.5 # 150 / # 300.



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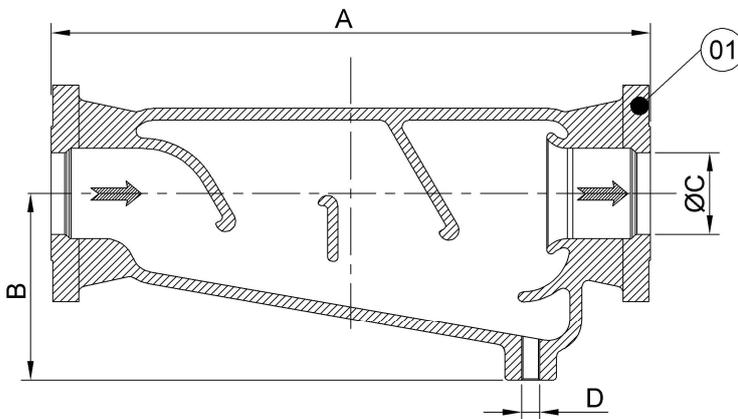
BILL OF MATERIAL

SR. NO.	PARTS	MATERIAL
01	BODY	A216 WCB

DIMENSIONS(MM)

Size (NB)		A	B	C	D	Approx Weight (KG)
50	CLASS #150	450	150	50	15NB	19.5
65		450	170	65	15NB	24.5
80		500	175	80	15NB	32.5
100		700	240	100	15NB	56.5
50	CLASS #300	450	150	50	15NB	27.0
65		450	170	65	15NB	37.5
80		500	175	80	15NB	51.0
100		700	240	100	15NB	87.0

All dimensions are in mm(general tolerance ±2mm)



OPERATING CONDITIONS

Rating	Maximum Operating Pressure	Maximum Operating Temperature
#150	19.9 Kg/cm ² @ 30°C	425°C @ 5.6 Kg/cm ²
#300	52.1 Kg/cm ² @ 30°C	425°C @ 29.3 Kg/cm ²
Hydro Test Pressure (As Per IBR) :		
#150	29.98 Kg/cm ² @ 30°C	
#300	78.16 Kg/cm ² @ 30°C	

INSTALLATION :

Install in a horizontal pipeline with the drain directly below.

NOTE:

To ensure that any separated liquid is drained away quickly, a suitable steam trap module must be connected to the drain connection. For more details contact Volfram Systems.

* NOTE.: WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT PRIOR NOTICE FOR THE DEVELOPMENT AND IMPROVEMENT OF THE PRODUCT.

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