

## BIMETALLIC STEAM TRAPS AND AIR ELIMINATORS BM 140 ( DN 15 - DN 25 )

**DESCRIPTION**

BM 140 series bimetallic steam traps and air eliminators are simple and robust traps, recommended for steam tracing applications and where condensate sensible heat can be recovered. Connections are female screwed, socket weld or flanged.

**MAIN FEATURES**

- Modulating discharge.
- Discharges condensate below steam temperature.
- Excellent air discharge.
- Operates on superheated steam.
- Unaffected by waterhammer and vibrations.
- Built-in strainer.

**OPTIONS:** DIN or ANSI flanged connections.  
**USE:** Saturated and superheated steam.

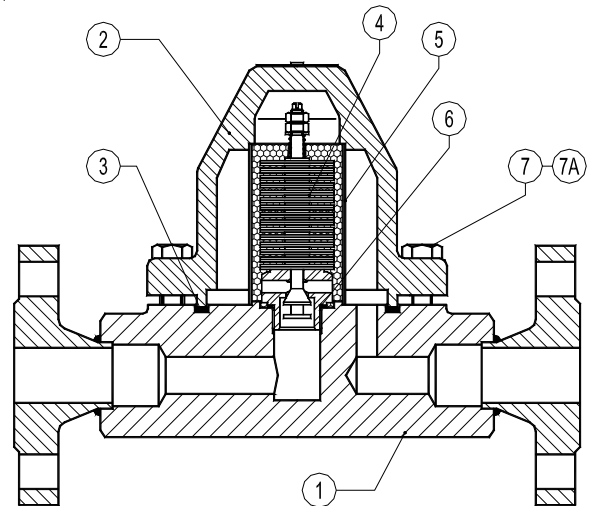
**AVAILABLE**

**MODELS:** BM 140  
**SIZES:** DN 1/2" to DN 1"  
DN 15 to DN 25

**CONNECTIONS:** Flanged DIN or ANSI .  
Screwed BSP or NPT  
SW (Socket weld)

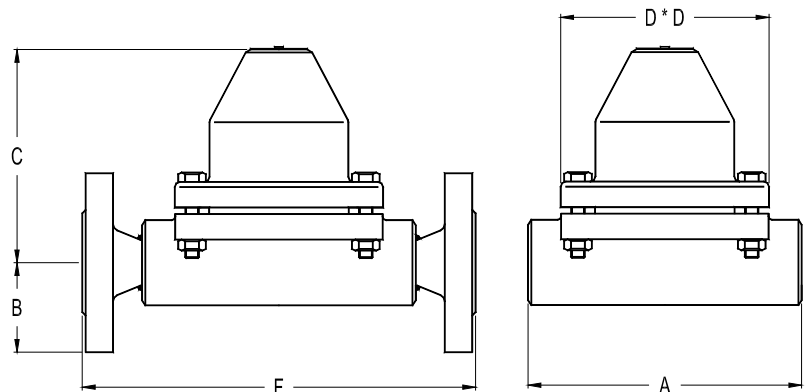
**INSTALLATION:** Horizontal or vertical installation.  
See IMI installation and maintenance instructions.

**Nominal pressure :** PN 160 , ANSI 1500lbs  
**Operation pressure :** 30 - 140 bar  
**TMO:Max.operating temp.:** 550°C



POS.NR.	DESIGNATION	MATERIAL
1	BODY	STEEL (10CrMo910)
2	COVER	STEEL (10CrMo910)
3 *	GASKET	GRAPHITE
4 *	VALVE ASSY.	ST. STEEL
5 *	STRAINER SCREEN	ST.STEEL(1.4301)
6 *	GASKET	RVS
7	BOLTS	STEEL (42CrMo4)
8	NUTS	STEEL (24CrMo5)

\* AVAILABLE SPARE PARTS



How to order: i.e. BM 140 DN 1" SW

		FLOW RATE CAPACITY IN Kg/h										DIMENSIONS (mm)							
		DIFFERENTIAL PRESSURE (bar)										Screwed Ends				DIN Flanges			
MODEL	SIZE	25	30	35	40	45	50	60	80	120	140	SIZE	A	B	C	D	WEIGHT	F	WEIGHT
												DN	Kg				Kg		
BM 140	15-25 A	500	550	570	580	590	600	620	630	640	650	1/2"	160	48	120	125	2,1	230	3,7
BM 140	15-25 B	3000	3200	3600	4000	4200	4700	5400	6200	7800	8500	3/4"	160	53	120	125	2,1	230	4,5
												1"	160	58	120	125	2,1	230	4,9

A = Condensate discharge at 10°C below saturation temperature. B = Cold water capacity at about 20°C .