

## EXHAUST HEADS EH

### DESCRIPTION

The ADCA EH series exhaust heads were designed to protect personnel from injury and exterior of buildings from harmful effects of steam ejection to atmosphere. The head is fitted at the end of a vertical exhaust pipe and effectively retains the moisture separated from the steam for draining.

### MAIN FEATURES

Stainless steel separating element.

Quiet operation.

Reduces discharge velocity.

**OPTIONS:** Corrosion protection (sand blasted, metalized and painted).  
Complete stainless steel construction.

**USE:** Open vertical steam vent pipes in blowdown vessels, boiler feedtanks, etc.

**AVAILABLE MODELS:** EH/S – carbon steel body.  
EH/SH – thermal spraying zinc coating and black painted.  
EH/SS – stainless steel body.

**SIZES:** 1" to 10"; DN 25 to DN 250.

**CONNECTIONS:** Flanged EN 1092-1 PN 16.  
Flanged ASME B16.5 Class 150.  
Others on request.

**INSTALLATION:** Vertical installation.  
The drain should be directed to a safe place.  
Not recommended to fit at the discharge outlet of safety relief valves.  
See IMI – Installation and maintenance instructions.



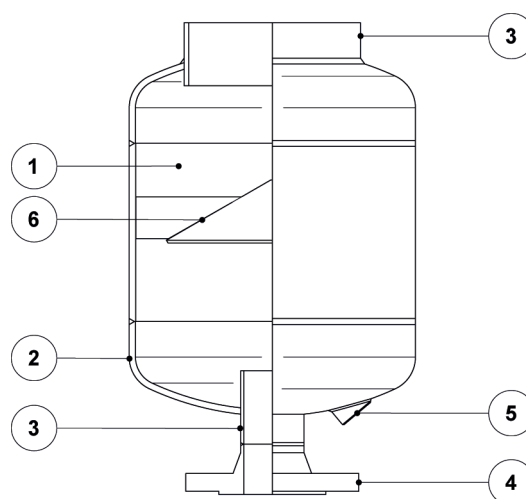
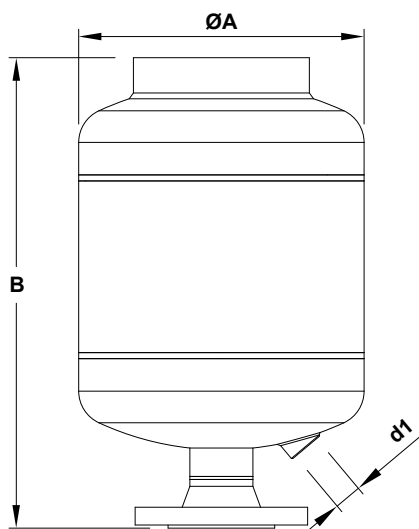
### LIMITING CONDITIONS

PS – Maximum allowable pressure	0,5 bar
TS – Maximum allowable temperature	300 °C

Minimum operating temperature: -10 °C.

Design code: AD-Merkblatt.

Remark: Other conditions on request.



**DIMENSIONS (mm)**

SIZE	ØA	PN 16	CLASS 150	d1 *	WEIGHT (kg)
		B	B		
1" – DN 25	168	345	360	1/2"	7,4
1 1/4" – DN 32	168	345	360	1/2"	8
1 1/2" – DN 40	168	400	417	1/2"	9,1
2" – DN 50	273	450	466	3/4"	20,5
2 1/2" – DN 65	273	450	475	3/4"	20,5
3" – DN 80	273	495	515	3/4"	23
4" – DN 100	273	495	518	1"	23,8
5" – DN 125	356	525	560	1"	40,5
6" – DN 150	356	525	560	1"	43,6
8" – DN 200	508	650	690	1 1/2"	65
10" – DN 250	508	650	690	1 1/2"	73

\* As standard, in versions manufactured with EN 1092-1 flanges this connection is female threaded ISO 7 Rp. In versions with ASME B16.5 flanges this connection is female threaded NPT.

**MATERIALS**

POS. No.	DESIGNATION	EH/S and EH/SH	EH/SS
1	Body	P235GH / 1.0305	AISI 316 / 1.4401
2	Head	P265GH / 1.0425	AISI 316 / 1.4401
3	Tube	P235GH / 1.0325	AISI 316 / 1.4401
4	EN flange	P250GH / 1.0460	AISI 316 / 1.4401
	ASME flange	ASTM A105 / 1.0432	AISI 316 / 1.4401
5	Socket	ASTM A105 / 1.0432	AISI 316 / 1.4401
6	Internals	AISI 304 / 1.4301	AISI 304 / 1.4301; AISI 316 / 1.4401