



### DVA/DVAH Vibration Absorber 50 and 120 bar Models

**Product Features:**

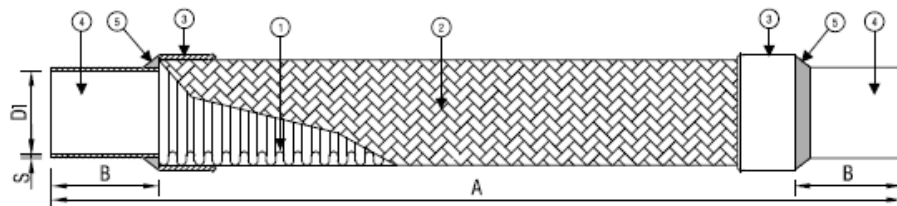
- 120 bar Version completely made of stainless steel
- 50 bar Version with Copper and stainless steel connection (depends on connection size)
- Can be installed without cooling
- Connections are TIG welded

**Technical data**

<b>CE marking acc. PED</b>	Art. 4.3 Cat. I with CE	<b>Media compatibility</b>	CO <sub>2</sub> , Mineral-, Synthetic-, POE- und PAG Oil
<b>Applicable Standards</b>	EN 378-2, EN1476-1	<b>Material</b>	Housing: St. Steel (EN 10088-1) Bellows: St. Steel (EN 10028-7) Connections see table below
<b>Pressure Rating</b>	PS: see table below PTest: = PS x 1,1	<b>Temperature Range</b>	-10°C ... 120°C (optional 108°C)

Model	P/N	Operating Pressure (bar)	Dimension				Connection Material	PED / Module Fluid II	PED / Module Fluid I
			A (mm)	B (mm)	S (mm)	D1 (mm).			
DVA-12*	17455	50	230	20	1,5	12	Copper	Art. 4.3	
DVA-16*	17456		255	25		16			
DVA-22*	17457		290			22			
DVA-28	17458		330			28			
DVA-35	17459		45	375		30			35
DVA-42	17460	430		42					
DVA-54	17461	510		54					
DVA-64	17462	25	690	80	64				
DVAH-12*	17450	120	230	30	2,5	12	St. Steel	Art. 4.3	
DVAH-16*	17451		255			16			
DVAH-18*	17452		255			18			
DVAH-22*	17453		290			22			
DVAH-28	17454		330			28			

\*These Models can be used also with Fluid I Refrigerants

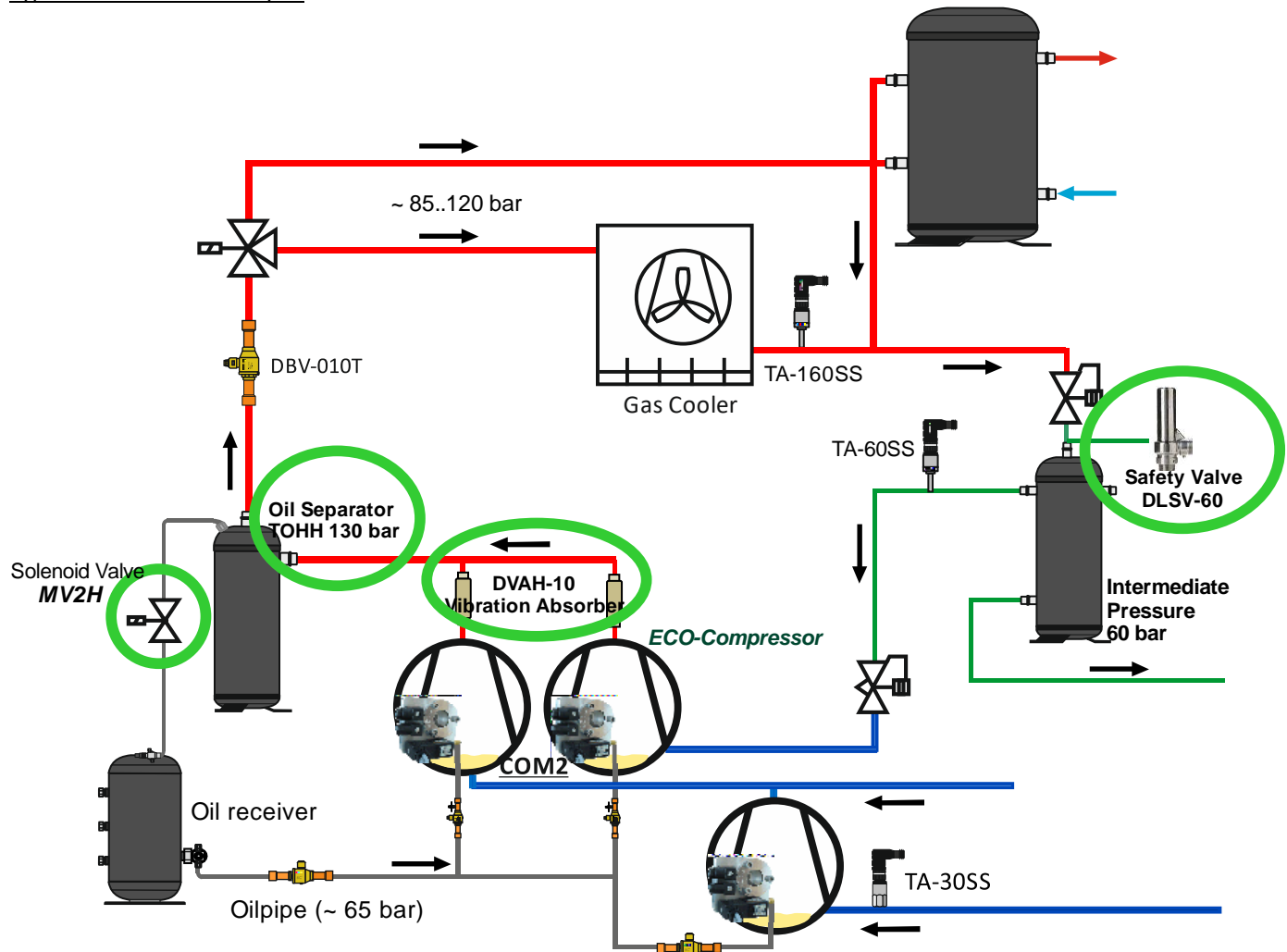


- 1: Bellows
- 2: Steel braiding
- 3: Conn. Ring
- 4: Braze-/Welding conn.
- 5: TIG Welding

**Tabelle 1**

Refrigerant	Group acc. PED 2014/68/EC	Group acc. EN378	Refrigerant	Group acc. PED 2014/68/EC	Group acc. EN378
R404A R134a R448A R449A R450A R513A R744	II	A1	R1234ze (E) R1234yf R32 R455A R454C	I	A2L
			R1270 R290		

Typical transcritical CO<sub>2</sub> Cycle



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