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DATA SHEET	REFERENCE:	REV:	DATE:	DRAWN	APPROVED
S.S. & PLASTIC MEMBRANE ACTIVE DAMPENERS	AM.ACT.AI.PL.IN.DOC	00	FEB-25	P.BASCOMPTA	E.CORTINA

The ACTIVE pulsation dampener with automatic precharge adjustment is ideal for AODD pumps and variable pressure requirement. Available in bellows (F series) or membrane (M series) dampeners, it is automatically precharged based on working pressure conditions, ensuring efficient and reliable performance.

TOLERANCES: External dimentions: ±3% Volume: ±2.5% Weight: ±5%

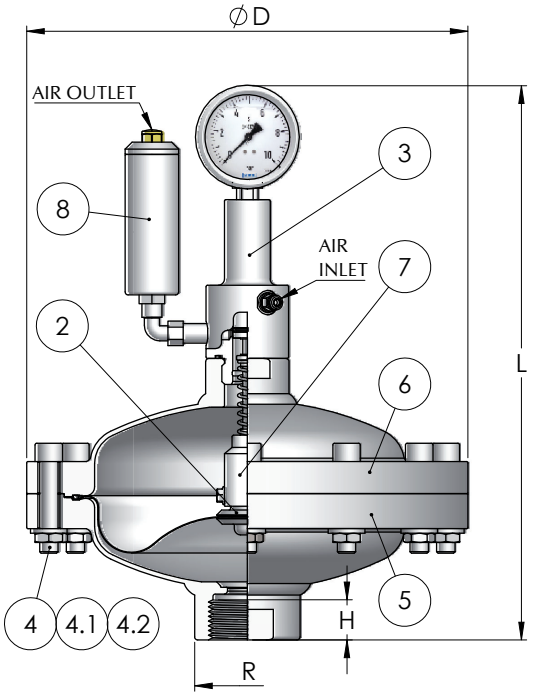

Fig S

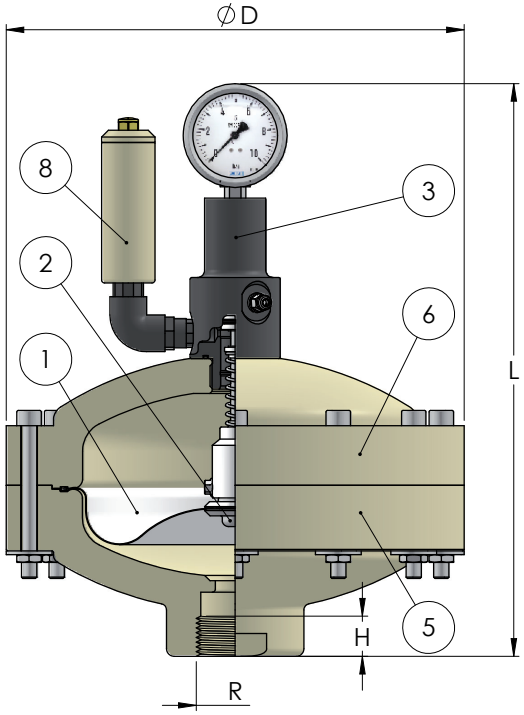

Fig P

Wall thickness acc. to EN14359 code
Hydrostatic test pressure @ 1.43 x Design pressure @ 20ºC

FOR HIGHER PRESSURES, TEMPERATURES AND OTHER CONNECTIONS PORTS, PLEASE CONSULT.

PULSATION DAMPENER MODEL	VOLUME	DESIGN PRESSURE (bar-g @ -20/200ºC)	D (mm)	L (mm)	R (BSP)	H (mm)	WEIGHT (kg)
STAINLESS STEEL BODY							
M008A05T1-AI-ACT	0.8	20	180	323	3/4"	20	6.7
M012A04T1-AI-ACT	1.2		224	343			9.5
M030A03T1-AI-ACT	2.8		289	364	1-1/2"	30	17.0
M040A03T1-AI-ACT	4.0			449			18.5
M060A02T1-AI-ACT	5.6		340	389	2"		27.0
PULSATION DAMPENER MODEL	**VOLUME**	**DESIGN PRESSURE (bar-g @ 0/60ºC)**	**D (mm)**	**L (mm)**	**R (BSP)**	**H (mm)**	**WEIGHT (kg)**
PLASTIC BODY							
M008A01T1-PP-ACT	0.8	10	190	308	3/4"	18	4.5
M012A01T1-PP-ACT	1.2		225	328		21	-
M030A01T1-PP-ACT	2.8		300	375	1-1/2"	39	7
M060A01T1-PP-ACT	5.6		350	393	2"	32	12

Fig S. WORKING LIMIT TEMPERATURES FOR STAINLESS STEEL MEMBRANE DAMPENERS: -20 / +200ºC
Fig P. WORKING LIMIT TEMPERATURES FOR PLASTIC MEMBRANE DAMPENERS: 0 / +60ºC

Nº	ITEM	QT.	MATERIAL	
			SS	PLASTIC
1	MEMBRANE	1	PTFE (TFM1705)	PTFE (TFM1705)
2	INSERT	1	AISI 316L	AISI 316L
3	ACTIVE VALVE	1	AISI 316L	PVC
4	BOLTS	8 to 12	DIN 912 A4-70	DIN 912 A4-70
4.1	WASHERS	8 to 12	DIN 125 A4-70	DIN 125 A4-70
4.2	NUTS	8 to 12	DIN 934 A4-70	DIN 934 A4-70
5	LOWER SHELL	1	AISI 316L	PP
6	UPPER SHELL	1	AISI 316L	PP
7	ACTIVE KIT	1	PTFE, AISI 316L & NBR	PTFE, AISI 316L & NBR
8	LIQUID RETENTION VALVE	1	AISI 316L	PP