

* * wall thickness calculation according to AD Merkblatt code

H = MAXI. LENGTH OF MALE SCREW ADAPTER CONNECTION

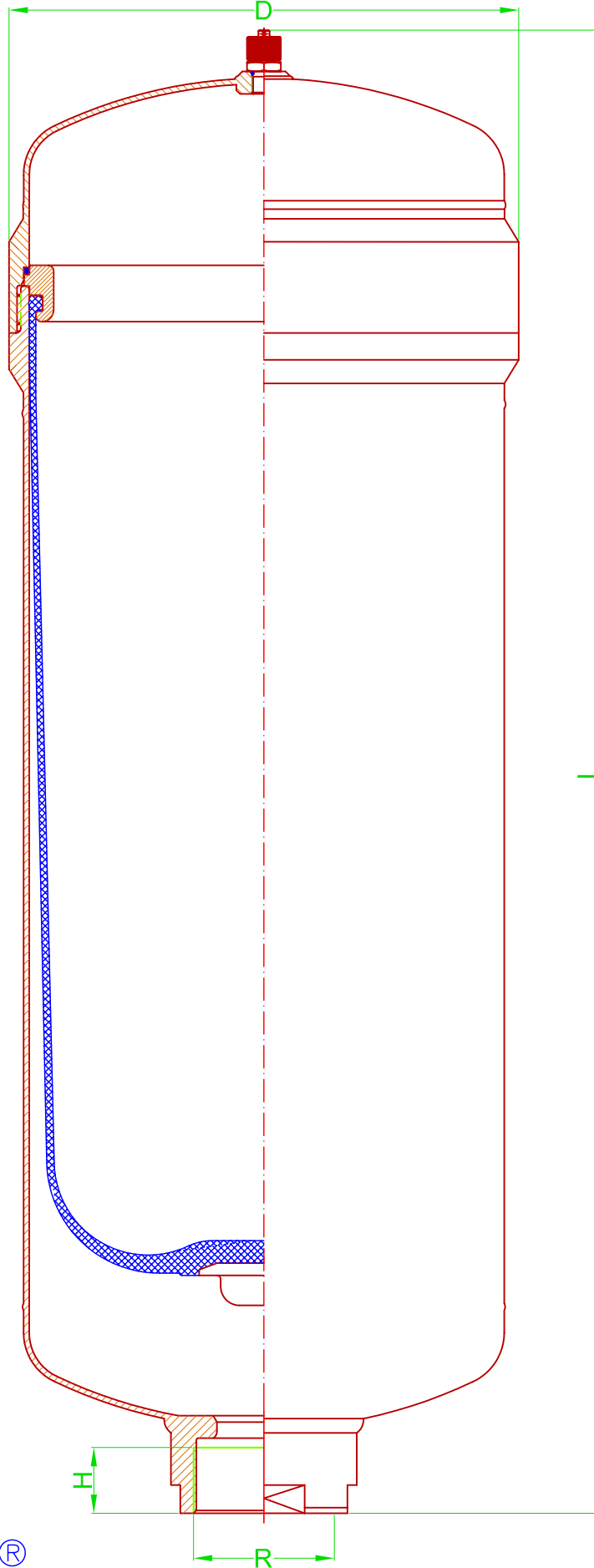
WORKING TEMPERATURES	VERSUS DESIGN PRESSURES **	N	E	V
FOR A TEMPERATURE OF 50°C	CORRESPOND THE DESIGN PRESS. x0,95	+80	+130	+170
" " " 80°C	" " " DESIGN PRESS. x0,90	-15	-30	-10
" " " 130°C	" " " DESIGN PRESS. x0,82			
" " " 170°C	" " " DESIGN PRESS. x0,74			

STANDARD BLADDER RUBBERS: N=NITRILE, E=EPDM, V=FPM
(OTHER RUBBERS: BUTYL, HYALON, ETC)

Note: $\frac{\text{Maxi. Working Pressure}}{\text{Inflate gas Pressure}} \leq k$ (@Constant Temp.)

TOLERANCES:
EXTERNAL DIMENTIONS: ± 2 %
VOLUME: ± 1.5% /WEIGHT: ± 4%

THE RUBBER MAX. WORKING TEMP. VALUES CAN BE REDUCED DEPENDING UPON THE LIQUID IN CONTACT AND TIME OPERATION



PULSATION DAMPER REF.	VOLUME (itres)	DESIGN PRESSURE * (bar@20°C)	D (mm)	L (mm)	R (BSP)	H (mm)	WEIGHT (Kg)	BODY MATERIAL	PRESSURE VESSELS CE(P.E.D.)		TO REDUCE LEVEL OF CLASS
									TABLE1	TABLE2	
U350	35	20	270	790	2 1/2"	35	24.5	S.S. 316	K VALUE	4	Circuit Work. Pressure x Dampener Volume
											TABLE 1
											TABLE 2
											50 < P x V < 200
											200 < P x V < 1000
											Cat. II
											Cat. III

***Notified Body: TÜV

WE CAN MANUFACTURE THIS DAMPENER FOR A MAXI. PRESSURE DESIGN OF: 100 Bar@ 20°C



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