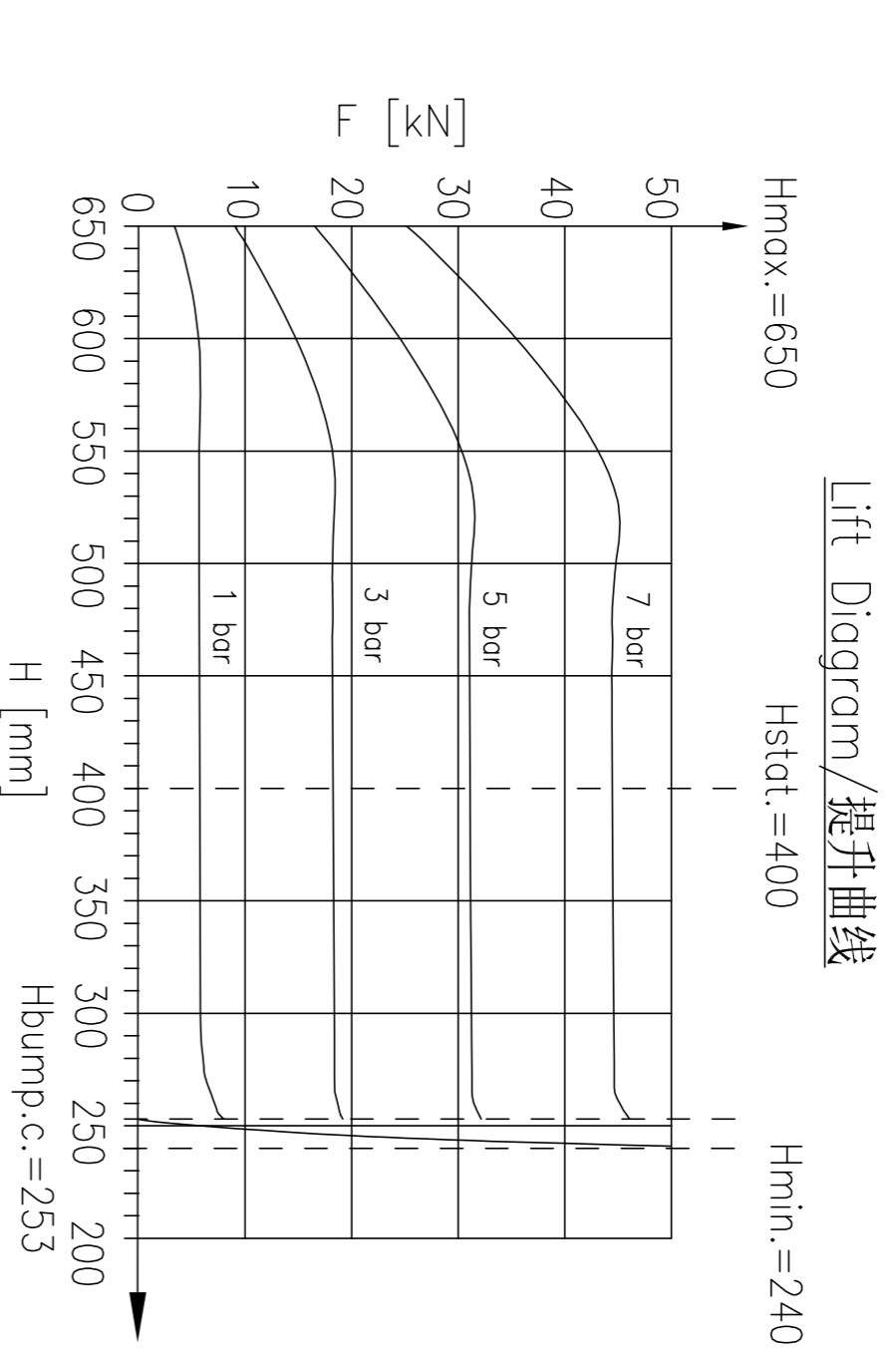
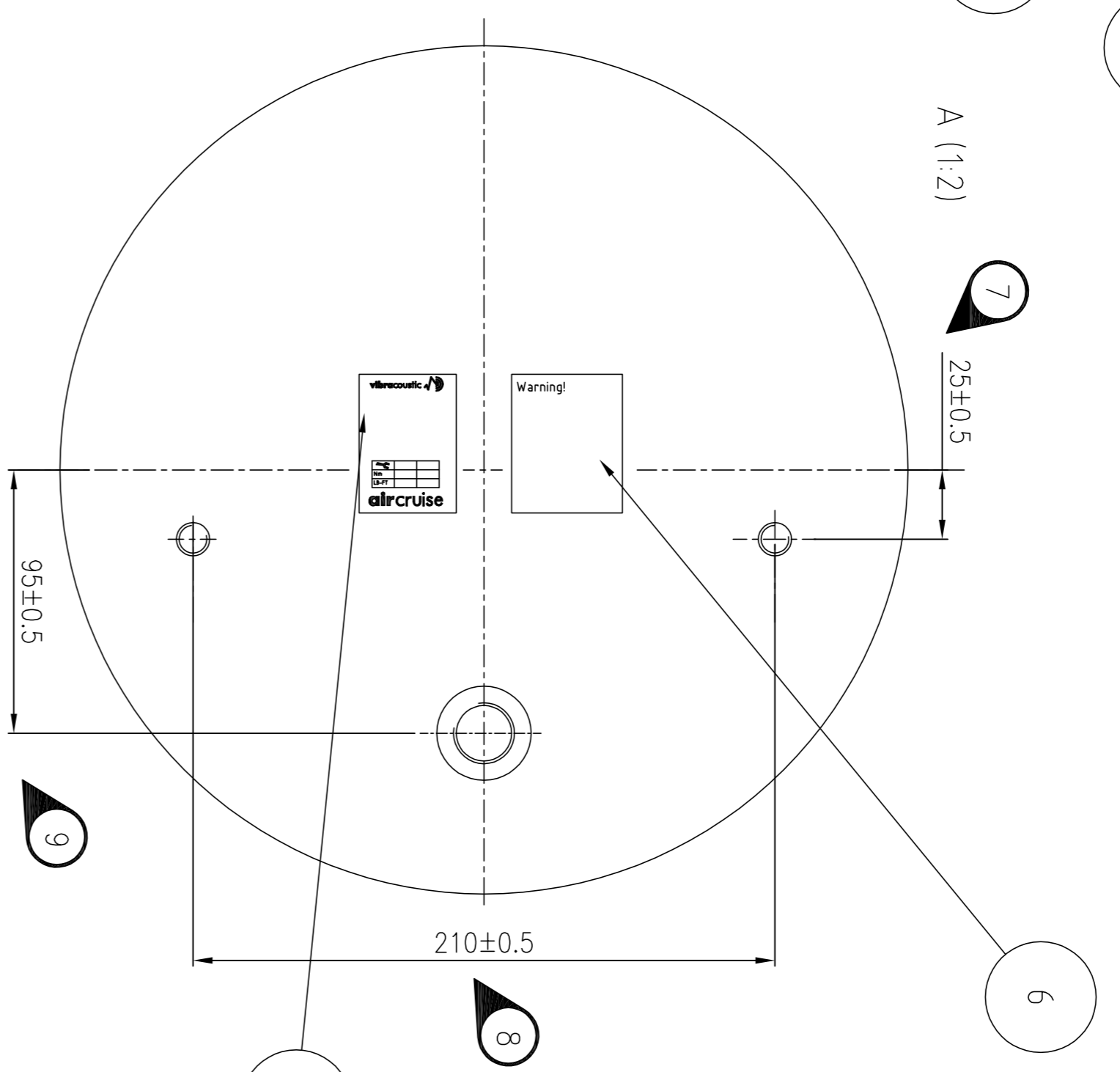
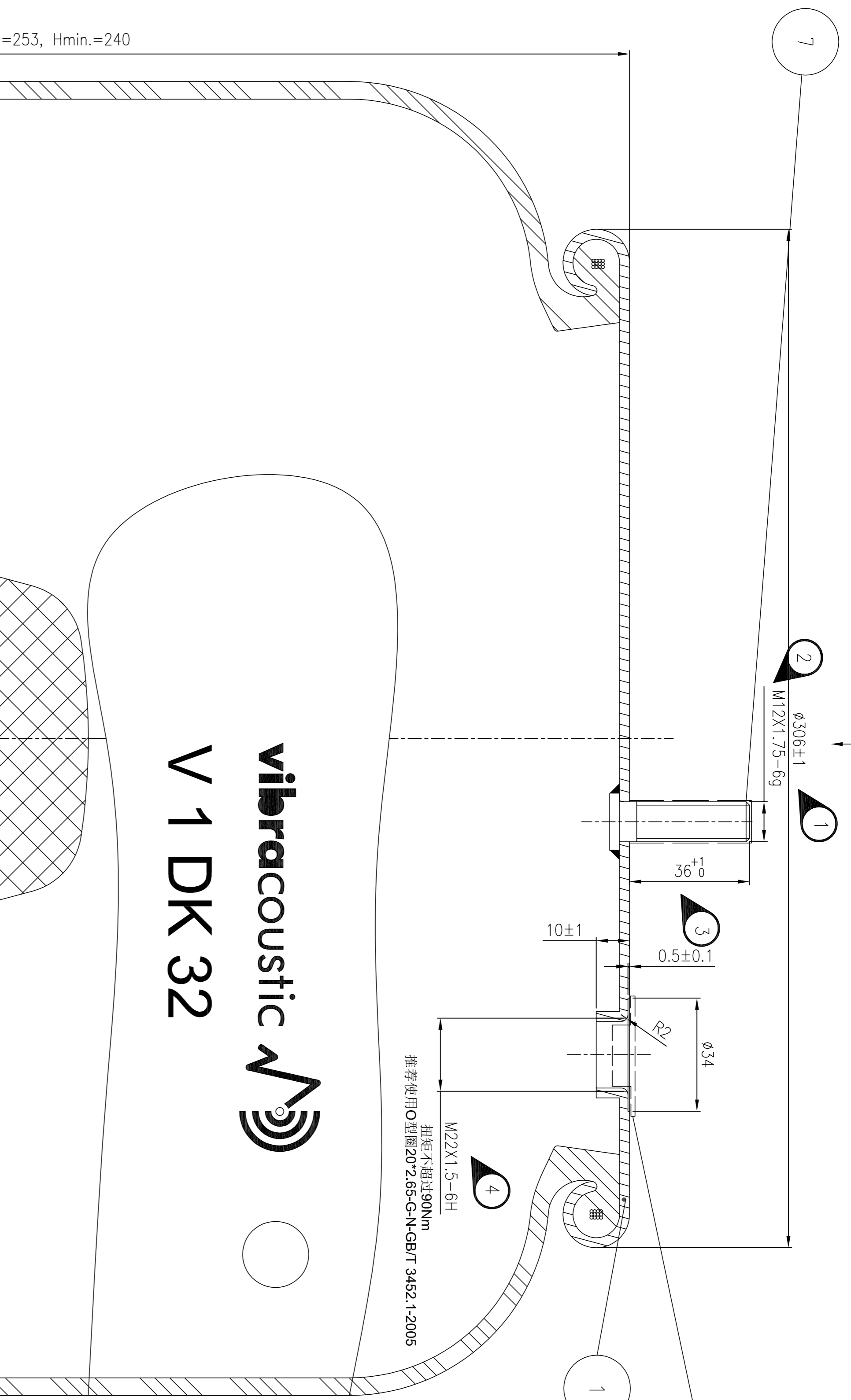


No./编号	Denomination/名称	Pcs./数量	Material/材料	Remark/备注
1	Top plate/顶板	1	Steel/金属	Fz2n 12ac1 Finger/缓冲
2	Membrane/膜皮	1	Rubber/橡胶	
3	Bottom plate/Bumper/缓冲块/缓冲块	1	Steel+Rubber/金属+橡胶	
4	Piston/活塞	1	Steel/金属	
5	Arcurise label/弧形标签	1		Part no. V1DK32X9S/件号V1DK32X9S
6	Warning label/警示标签	1		
7	Closed thread protector/保护套	2	Rubber/橡胶	
8	Closed thread protector/保护套	1	Plastic/塑料	



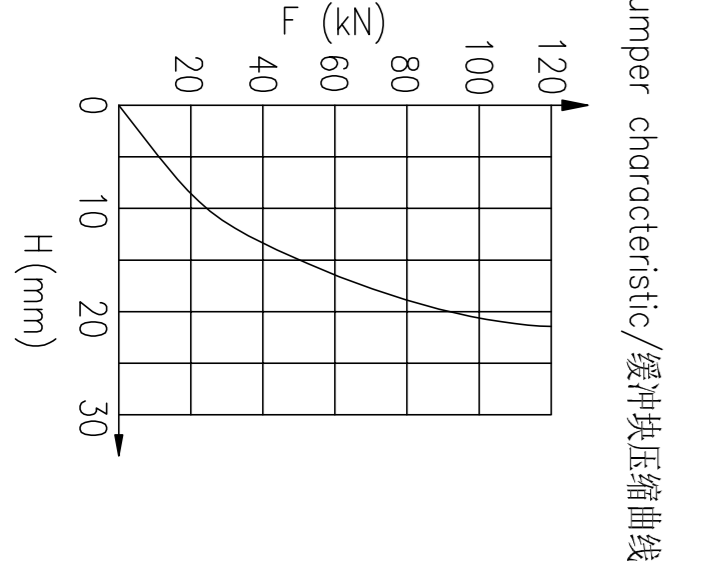
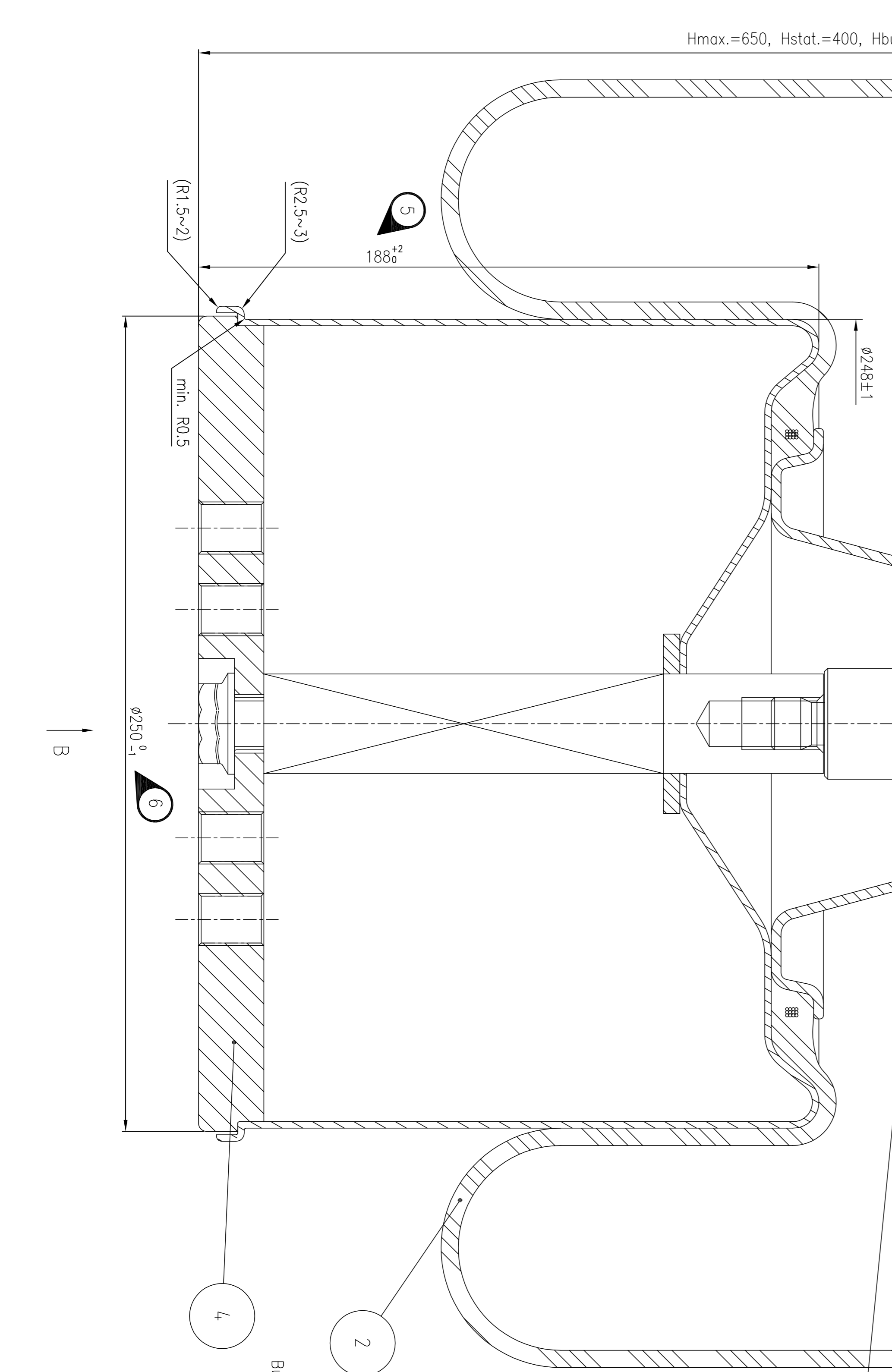
DYNAMIC DATA/动态数据  
Hstat=400±15 mm

Pressure/压力 (bar)	Force/承载力 (kN)	Spring rate/刚度 (N/mm)	Natural freq./频率 (Hz)
1	5.4	552	1.60
3	17.5	1180	1.26
5	30.5	1680	1.17
7	43.4	2212	1.12

Technical data/技术参数

Loading capacity max./最大承载力 (7 bar)	43.4 kN
Max. lifting pressure/最大工作压力	8.5 bar
Min. lifting pressure/最小工作压力	0.3 bar
Diameter max./最大直径	350 mm
Required space/推荐安装空间	380 mm
Height max. (Free state)/自由状态最大高度	700 mm
Height min. (See diagram)/工作状态最大高度	650 mm
Height bump.c. (See diagram)/缓冲块接触高度	253 mm
Height min. (See diagram)/最小高度	240 mm
Recommended assembly height/推荐安装高度	400 mm
Bursting pressure at Hstat./爆破压力	>21 bar
Weight/重量	~16.5kg
Working temperature range/工作温度范围	-60°C~+60°C
Limited angle/上下座偏转角度	<20°
Limited offset/上下座错位偏差	<30mm

The max. spring travel out has to be limited by damper or other means!  
空气弹簧最大行程需要靠减震器或其他外置限位措施进行限位!



Material	M12	M16
Nm	50-60	70-80
LB-FT	37-44	52-59

Revision table:

e	d	c	b	a
Top plate screw height was changed	2020.04.01	N. Zhou, H. Yang		
Top plate was changed	2020.03.30	N. Zhou, H. Yang		
Add free state height	2020.03.18	N. Zhou, H. Yang		
Piston drawing no. was changed	2020.02.24	N. Zhou, H. Yang		
Piston drawing no. was changed	2017.09.25	Wf. Yan, H. Yang		

Scale: 1:1, 1:2  
Material: see Partlist  
Surface treatment: see Partlist  
Denomination: V1DK32X9S Airspring

Drawing No. V1DK32X9S-00

First drawing No.:  
Date:

User: **vibracoustic**

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