

Assembly Instruction - TRACOpres POWERcushion Type TSH

Please, do read this instruction very carefully before using TRACOpres POWERcushions to avoid damages or accidents!



Precautions:

Ambient temperature: - 20 up to + 60°C. Max. working pressure: 6 bar

The device between the POWERcushion must be cleaned from sharp stones, splinters, burrs, welding beads, etc., or abrasive contamination. If necessary, the surfaces have to be smoothed out. Please call us, if the cushions should be in contact with aggressive chemicals or other critical substances. Please assure, that no human body parts will become trapped between the POWERcushion or other parts.

All national and international accident protection regulations have to be observed, especially the use of helmet, safety glasses, ear protectors, safety shoes and protection clothing. Before inflating the POWERcushion ensure that all forms of clamping/closing devices are locked mechanically. Closing devices without mechanical lockers will not meet European safety standards.

Never exceed the max. working pressure of 6 bar. In the case of higher inflation pressure, this has to be reduced. Please choose for the minimal pressure to reach the power required. This will save energy, avoid leakage and it will increase the lifetime substantially.

6 bar-POWERcushions can generate gigantic power! That is why you should not use them on thin, not reinforced surfaces, which could be damaged. The pressure of 6 bar means a power of 6 kgs/cm² on the surface in contact and on the load!

How to assemble type TSH (horizontal valve socket between the clamping plates):

1. Inflation:

- Use compressed air free of oil or contaminations. The lifetime could be doubled!
- Wrap the end of the socket with Teflon tape or use Loctite or similar.
- Make sure, that the retaining nut will be manually screwed only.
- Make pressure test. If leakages should occur, screw on again and tighten manually only!
- During working, please don't squeeze or roll the POWERcushion between the moving parts. The pressure plates must run parallelly.

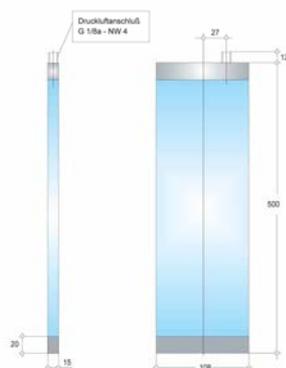
2. Cleaning, maintenance and storage:

- Min. 1 x per year function test:
 - Carefully inflate the POWERcushion with a pressure of 0,5 bar. Check, whether there will be no defect or leakage. Then inflate up to 2 bar and check again.

If faults should occur or if you should be in doubt, don't use the cushion and contact us, please.

- After each use the POWERcushions have to be bled. Please also control the connections and the surfaces as well as the sealings regarding their perfect function. With new usage please screw manually with care.
- Please store the cushions in flat manner. Store cool with humidity between 40 – 60 %.
- Protect against light and UV ray.
- Protect against damaging, i.e. heat, acid, corrosion, salty water, cleaning agents, rodents, etc.

TRACOpres POWERcushion Typ TSH
15 x 108 x 500 mm



Example: TRACOpres POWERcushion Typ TSH 15 x 108 x 500 mm, stem G 1/8" male