

Design of compensators

Questions	Answer
1. Media	
2. Pipe dimension	
3. Wall thickness	
4. Material	
5. Pressure class after ASME or DIN	
6. Temperature	
7. Movement +/- mm Axial/Angular/Lateral	
8. Welded ends or flanges	
9. Built-in conditions	
10. Temperature environment	
11.	
12. Other	

Properties
• Suitable for very high pressures • Great movement absorption • Compact size • Low adjustment forces • Optimal compensation in small spaces • Early indication of leakage (in case of damage) through control hole • Total breach resistance • Permanent leak monitoring option for critical media • Economical use of high-quality, corrosion-resistant materials, such as nickel-based alloys, iron-nickel-chromium alloys, titanium and tantalum • Insulation against structure-borne noise up to 20 dB

- Velegnet til meget høje tryk
- Stor bevægelsesabsorption
- Kompakt størrelse
- Lave justeringskræfter
- Optimal kompensation i små rum
- Tidlig indikation af lækage (i tilfælde af skade) gennem kontrolhul
- Total brudssikkerhed
- Mulighed for permanent lækageovervågning for kritiske medier
- Økonomisk brug af højkvalitets, korrosionsbestandige materialer, såsom nikkelbaserede legeringer, jern-nikkel-kromlegeringer, titanium og tantal
- Isolering mod strukturbåret støj op til 20 dB