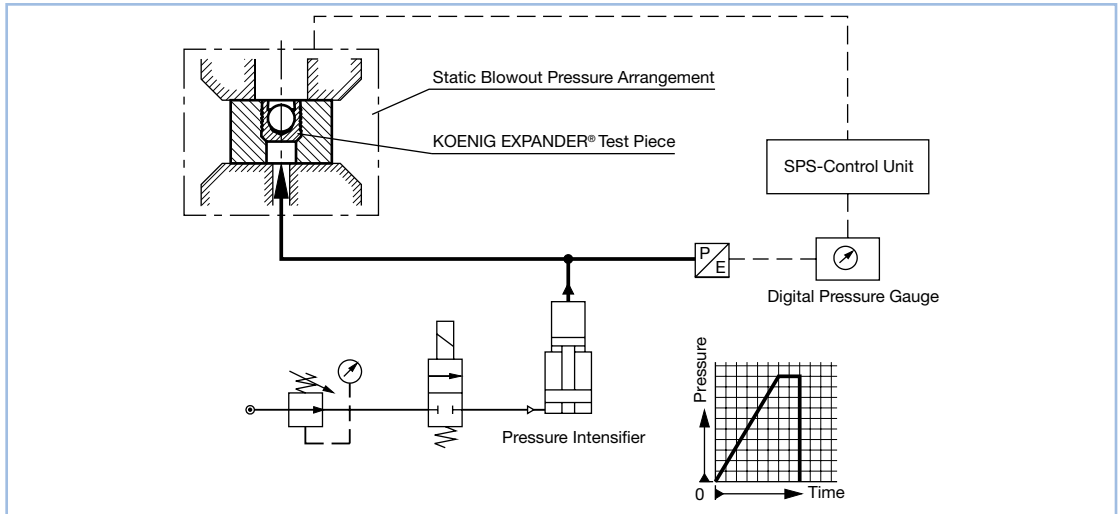


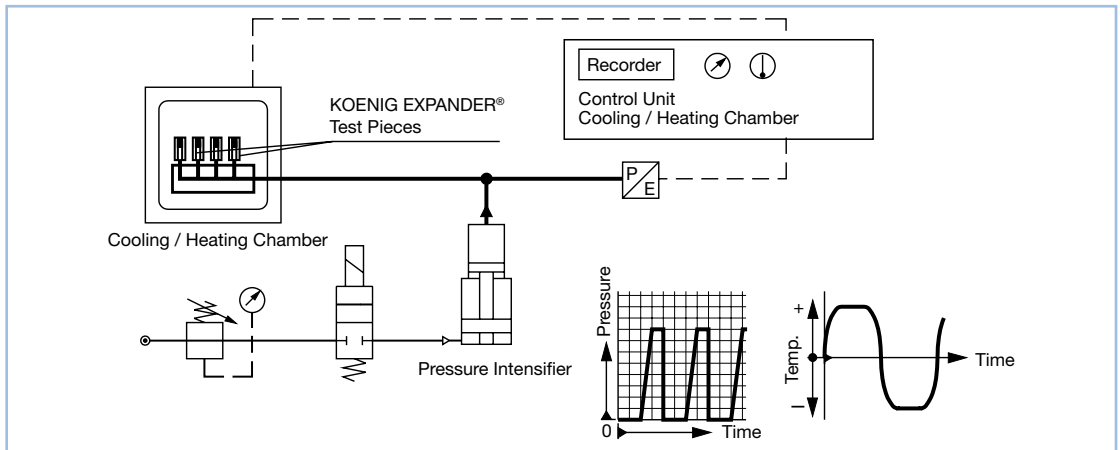
Burst pressure, test A



The KOENIG EXPANDER® is statically loaded up to burst pressure. This test is performed at SFC KOENIG for functional testing during the production process.

Samples from each production batch are subjected to this functional test.

Test pressure, test B



The KOENIG EXPANDER® is subjected to a pressure cycling test under varying environmental conditions. The test determines the levels of pressure that can be absorbed by the part by applying intermittent pressure loads and temperature fluctuations to confirm the sealing plug is not squeezed out.

Conditions

Temperature:

2 hrs at +100 °C / 2 hrs at -40 °C
Series LK/LP +150 °C / -40 °C
ca. 30–60 min.

Temperature cycle:

Intermittent, 2000–5000 cycles
168 hrs (long-term test)

Pressure:

Tolerance, roundness and roughness in accordance with standard sheets, plain surface, edge and wall distance ading to standard sheet.

Duration:

Bore: