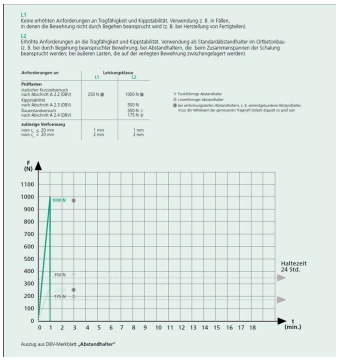Regulatory requirements for test loads and permissible deformations