

HM_019

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To whom it may concern

Life cycle of Valves

Life cycle of Valves is be influenced by various different conditions results in a shorter or longer life cycle of valves.

These conditions are (examples):

- Environment and vicinity
- Medium (kind, toxic – non toxic, etc.)
- Temperature
- Frequency of operation resp. blow off for Safety Valves
- Maintenance/Serviceing
- used sealing materials

The extent and period of warranty cover are specified in the „Sales conditions of HEROSE GMBH“ (In general the warranty period is 2 (two) years).

Cryogenic Globe Valves:

Cryogenic Globe Valves are designed, manufactured and approved acc. to standard DIN EN 1626 issued January 2009 category A. Standard DIN EN 1626 require in the process of type test approval an operation of 2000 cycles which must be met to pass the approval. Basis is an operation of 6 cycles per minute.

Dependent on operation the life cycle of Globe Valves is shorter or longer (Frequency od use).

Note: *Standard DIN EN 1626 defines for Valves category B (<20 operations / year) 100 cycles for the type test approval.
Corresponding to the above a life cycle of 5 years is assumed.*

The raw materials of the HEROSE products have a life cycle of many years, if they are used for the approved kind of application.

Cryogenic Safety Valves:

Cryogenic Safety Valves are designed, manufactured and approved acc. to standard DIN EN 13648-1 issued February 2009. Standard DIN EN 13648-1 require in the process of type test approval an operation of 1000 cycles which must be met to pass the approval.

Similar to Globe Valves, life cycle of Safety Valves is dependent on operation (blow off) and the above mentioned conditions.



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