HYDAC Technology GmbH

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Pulsation Damper Specification Form

Company: _____ Location: _____

Project name: _____ Originator: _____

E-Mail: _____ Tel. no.: _____

Application: _____ Requirement: _____ pieces / year

Note:

The appropriate accumulator can be selected using the HYDAC **A**ccumulator **S**imulation **P**rogram ASP. Download from www.hydac.com.

Fluids / Medium:

Fluid: _____ Viscosity at 20 °C: _____ cSt

Density: _____ kg/m^3 Viscosity at operation temperature: _____ cSt

Pump and system data:

Oper. press. / Pump press.: _____ bar

Flow rate: _____ l/min

Rpm.: _____ 1/min

No. of displacements: _____

☐ single ☐ double acting

Pump factor: _____ optional (if available)

Stroke volume: _____ 1dm^3

→ for piston pumps: $V_H = \frac{d^2 \times \pi}{4} \times H \times 10^6$

d = Ø piston: _____ mm

H = stroke length: _____ mm

→ for diaphragm pumps: see manufacturer's specifications

Accumulator data:

Pre-charge pressure [1]: _____ bar

Operating temperature: _____ °C

Design temperate: _____ °C

Application: ☐ pressure side ☐ suction side

Residual pulsation: _____ %

Result: _____ l gas volume [2]

Additional information on the accumulator:

Country of installation: _____

Certification: _____

Materials

Accumulator shell: _____

Fluid connection: _____

Elastomer: _____

Design pressure: _____ bar

[1] please see Product Catalogue, No. 30.000, section 8. Sizing

[2] normally pre-charged with nitrogen (N_2)

Notes: _____

_____

_____

_____

Date: _____ Name: _____