

# PULSATION DAMPER SPECIFICATION FORM

(Subject to technical modifications, **mandatory field**)

Company:	<input type="text"/>	Location:	<input type="text"/>
Name, First name:	<input type="text"/>	Project name:	<input type="text"/>
E-mail:	<input type="text"/>	Requirement:	<input type="text"/> pieces/year
Telephone no.:	<input type="text"/>	as	<input type="checkbox"/> spare part <input type="checkbox"/> original equipment

## Accumulator type

- Bladder accumulator
- Piston accumulator
- Diaphragm accumulator
- Metal bellows accumulator
- \_\_\_\_\_

## Accumulator data

Max. operating pressure  
 bar

Min. operating pressure  
 bar

Pre-charge pressure at 20 °C (nitrogen) <sup>1)</sup>  
 bar

Ambient temperature  
Min. \_\_\_\_\_ °C Max. \_\_\_\_\_ °C

Operating temperature of the accumulator  
Min.  °C Max.  °C

Complete cycle time  
 s

## Materials <sup>2)</sup>

Accumulator shell

Fluid port

Elastomer

Remarks:

## Fluids/medium

Fluid

Density  
 kg/m<sup>2</sup>

Viscosity at 20 °C  
 cSt

Viscosity at operating temperature  
 cSt

## Additional information

Installation dimensions (height x Øa)  
 mm

Fluid port  
 Flange   
 Thread

Gas port  
 M28x1.5  7/8-14UNF  
 \_\_\_\_\_

Coating/finish  
 internal \_\_\_\_\_  
 external \_\_\_\_\_

Application  
 pressure side  suction side

Required residual pulsation  
 %

Result  l gas volume

## Further information

Industry

Country of installation

Dimensioning/certification

Specification

## Pump and system data

Operating/Pump pressure  
 mm

Flow rate  
 mm

Rotational speed  
 1/min

No. of displacement elements

single  double-acting

Pump factor \_\_\_\_\_ optional

Stroke volume  
for piston pump  
d = Ø piston  mm  
H = stroke length  mm  
for diaphragm pumps,  
see manufacturer's specifications

<sup>1)</sup> see catalogue section No. 3.000, section on dimensioning  
<sup>2)</sup> dependent on operating temperature and/or fluid resistance

**HYDAC Technology GmbH**  
Industriegebiet  
**66280 Sulzbach/Saar, Germany**  
Tel.: +49 (0) 68 97 / 509 - 01  
Fax: +49 (0) 68 97 / 509 - 464  
Internet: www.hydac.com  
E-mail: speichertechnik@hydac.com