

GENERAL ACCUMULATOR SPECIFICATION FORM (Page 1/2)

(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) ¹⁾
 bar

Ambient temperature
Min. _____ °C Max. _____ °C

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

Complete cycle time
 s

Materials ²⁾

Accumulator shell

Fluid port

Elastomer

Remarks:

Fluids/medium

Fluid

Density
 kg/m²

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

Further information

Industry

Country of installation

Dimensioning/Certification

Specification

Fluid demand diagram

ONE pump and ONE consumer
Accumulator discharge rate

l/min

Accumulator discharge time
 s

Flow rate of the pump
 l/min

Pump runs continuously

Pump starts after discharge

SEVERAL pumps and/or consumers
(see sheet 2, incl. example)

¹⁾ see catalogue section No. 3.000,
section on dimensioning

²⁾ dependent on operating temperature and/or fluid
resistance

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Fluid demand diagram for several pumps and/or consumers:

Q_v = Consumer flow rate [l/s]

E_v = Switch-on time of consumer [s]

A_v = Switch-off time of consumer [s]

E_p = Switch-on time of pump [s]

A_p = Switch-off time of pump [s]

Number of consumers _____

Q_{v1} = _____ E_{v1} = _____ A_{v1} = _____

Q_{v2} = _____ E_{v2} = _____ A_{v2} = _____

Q_{v3} = _____ E_{v3} = _____ A_{v3} = _____

Q_{v4} = _____ E_{v4} = _____ A_{v4} = _____

Number of pumps _____

Q_{p1} = _____ E_{p1} = _____ A_{p1} = _____

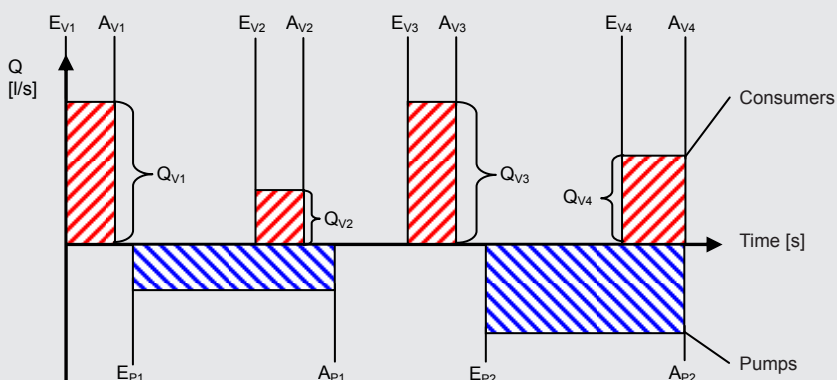
Q_{p2} = _____ E_{p2} = _____ A_{p2} = _____

Q_{p3} = _____ E_{p3} = _____ A_{p3} = _____

Q_{p4} = _____ E_{p4} = _____ A_{p4} = _____



Example



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