

Request data

# Piston accumulator

## General information

|                    |                         |                        |        |
|--------------------|-------------------------|------------------------|--------|
| Request date       | Telephone               |                        |        |
| Company            | E-Mail                  |                        |        |
| Contact person     | Appliaction             |                        |        |
| Road               | Requested delivery date | Prototype              | Series |
| Postcode, location | Prototype quantity      | Series annual quantity |        |
| Country            | Series lot size         |                        |        |

## Available installation space

|                            |    |
|----------------------------|----|
| Max. installation diameter | mm |
| Max. installation length   | mm |

## Operating pressure

|         |
|---------|
| 250 bar |
| 350 bar |

## Certification

|                                   |
|-----------------------------------|
| ASME Code Section VIII Division 1 |
| DGRL 2014/68/EU                   |

## Operation temperature

|                                  |
|----------------------------------|
| Standard (-20°C to +90°C*)       |
| Low temperature (-40°C to +80°C) |
| *Peak temperature up to +100°C   |

## Paint

|                         |
|-------------------------|
| Primed (Standard)       |
| Painted (Liebherr-grey) |
| Special paint RAL-Ton   |
| Sea water paint         |

## Oil volume depending on the piston diameter

| Piston-Ø [mm] | Oil volume [Liter]* |   |   |   |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |
|---------------|---------------------|---|---|---|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
|               | 2                   | 4 | 6 | 8 | 10 | 12 | 15 | 20 | 25 | 30 | 40 | 50 | 70 | 100 | 150 | 200 | 250 | 300 | 400 |
| 100           | ●                   | ● | ● | ● | ●  | ●  | -  | -  | -  | -  | -  | -  | -  | -   | -   | -   | -   | -   | -   |
| 120           | -                   | ● | ● | ● | ●  | ●  | ●  | ●  | -  | -  | -  | -  | -  | -   | -   | -   | -   | -   | -   |
| 150           | -                   | - | ● | ● | ●  | ●  | ●  | ●  | ●  | ●  | ●  | -  | -  | -   | -   | -   | -   | -   | -   |
| 180           | -                   | - | - | - | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | -   | -   | -   | -   | -   | -   |
| 200           | -                   | - | - | - | -  | -  | -  | -  | -  | ●  | ●  | ●  | ●  | ●   | -   | -   | -   | -   | -   |
| 250           | -                   | - | - | - | -  | -  | -  | -  | -  | -  | -  | ●  | ●  | ●   | ●   | -   | -   | -   | -   |
| 300           | -                   | - | - | - | -  | -  | -  | -  | -  | -  | -  | -  | -  | ●   | ●   | ●   | ●   | -   | -   |
| 360           | -                   | - | - | - | -  | -  | -  | -  | -  | -  | -  | -  | -  | ●   | ●   | ●   | ●   | ●   | ●   |

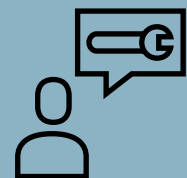
## How can we support?

If you have any questions or requirements, please do not hesitate to contact us.

### Simon Ebner

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mail: [piston-accumulator.cok@liebherr.com](mailto:piston-accumulator.cok@liebherr.com)



# LIEBHERR

# Configuration

## Selection of piston diameter, oil volume, oil connection and gas connection

| Piston-Ø [mm] | Oil volume [l] | Oil connection |                    |                     | Gas connection |
|---------------|----------------|----------------|--------------------|---------------------|----------------|
|               |                | acc. to IO 228 | acc. to ISO 6162-2 | acc. to ISO 11926-1 |                |
| 100           |                |                |                    |                     |                |
| 120           |                |                |                    |                     |                |
| 150           |                |                |                    |                     |                |
| 180           |                |                |                    |                     |                |
| 200           |                |                |                    |                     |                |
| 250           |                |                |                    |                     |                |
| 300           |                |                |                    |                     |                |
| 360           |                |                |                    |                     |                |

### Optional second gas connection G1/4"

for G1/4" and M16,5  
for M28x1,5\*

#### Equipment of the second gas connection G1/4"

VSTI  
Bursting plug  
Minimes Pressure  
Minimes Pressure + Temperature

\* This option is only selectable from a piston diameter of 150 mm.

### Position transducer

Yes  
No

#### Environmental conditions\*\*

Information on the environmental conditions and type of interface is available on request.

Not specified  
Mobile hydraulics  
Industry hydraulics

\*\* If an M28x1.5 gas connection is selected, the distance measuring system is only available from a piston diameter of 150mm.

### Note

Attachment parts can be offered additionally on request.

### Comments

SEND E-MAIL



### For internal use

|      | Created | Audited | Approved | Revision |
|------|---------|---------|----------|----------|
| Date |         |         |          |          |
| Name |         |         |          |          |