

<b>T.I. no.: 2022-14</b> Updated:	<b>Topic: Product optimisation O-rings Buschjost valves</b>
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<b>Date: 10.06.2022</b>	<b>Priority</b>	<b>Need for action</b>
<b>Affected machines: SCS, SOUL, Barista</b>	High	As soon as possible
<b>From serial number: -</b>	Medium	On next visit to the machine
<b>As of date: immediately</b>	x Low	x FYI only

## PRODUCT OPTIMISATION

We would like to inform you about a product optimisation of the O-rings, which are fitted in the Buschjost valves. The product optimisation has meanwhile been implemented in series production for all machine models.

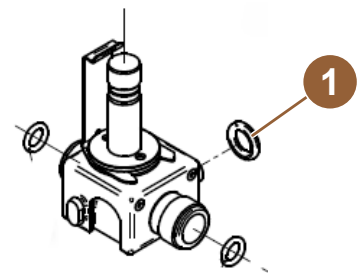
### Reason for optimisation

From the field, it was individually reported that after descaling, repair or maintenance, there was a minimal leakage on the valve blocks of the linked valves.

Internal examination of the requested valve blocks showed that the leakage was caused by the O-rings of the linkage. (Pos 1)

In order to optimise the durability of the O-rings, they were changed to a new material.

The change affects all O-rings in the individual and linked valves of the manufacturer Buschjost.



### Serial- and spare part solution

The Schaeerer spare part stock has been cleared on 31/12/2021, so that you already receive optimised spare (O-rings and valves) since January 2022.

Maintenance kits which include the O-ring 33.4004.2000 (pos 1) are already packed with the optimised O-rings since 1st quarter of 2022.

Valves with optimised O-rings are included in the maintenance kits subject to availability; an exact time indication is not possible here. However, optimised valves can be recognised from the outside by an identification.

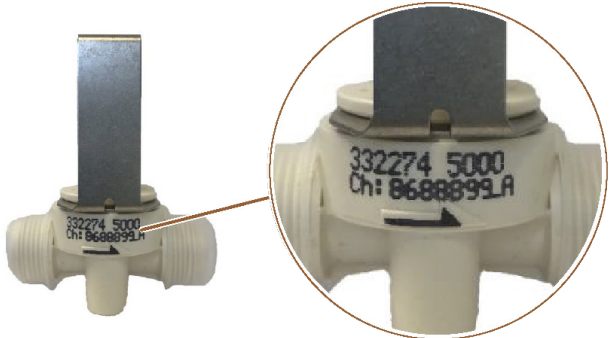
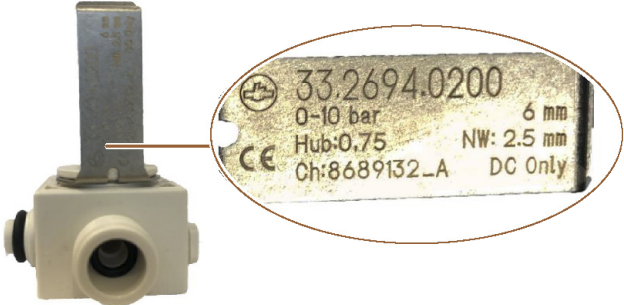
### Advice for technicians

We recommend to replace the O-rings of the valves latest in the context of the next maintenance. Additionally, the valve blocks should be checked for leaks prior to descaling and, if required, the O-rings, or even the complete valve in case of visible deposits, should be replaced prior to descaling.

## Further details and information of feed solution

### Identifying feature for optimised O-rings on valve

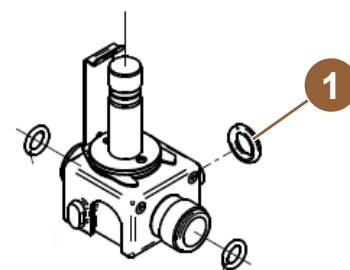
Valves with the letter „A“ at the end of the batch number (Ch:) are fitted with optimised O-rings.

<ul style="list-style-type: none"> <li>&gt; Single valves</li> <li>&gt; Batch number and „A“ on valve body</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Linked valves</li> <li>&gt; Batch number and „A“ on metal bracket</li> </ul>
	

### Stock of O-rings

The previous O-rings cannot be clearly distinguished visually from the optimised O-rings. Therefore, we recommend to check your spare parts stock of the following O-rings and to scrap O-rings you have received prior to 01/12/2021 and to order optimised O-rings in sufficient quantities in advance.

- > 33.4004.2000 O-ring Valve linked in the spare parts list (Pos. 1)



### Stock of spare valves buschjost

We recommend to retrofit spare part valves without identification „A“ in the batch number (see identifying feature valves) with the optimised O-rings prior to fitting them into a machine.

### Stock of maintenance kits

Please check the date stamp on the back of the maintenance kits and observe the following recommendations:

- > O-rings 33.4004.2000 for linked valves (pos. 1 in the drawing)
  - As of date stamp 01/12/2021 the optimised O-ring is included. In case of maintenance kits with older date stamp we recommend to exchange the O-rings by optimised O-rings.
- > Check the valves according to the identifying feature („A“ at the end of the batch number) and replace the O-rings if required.

### Advice concerning maintenance work

Please also observe the „Visual check of valves“ which is described in the maintenance documentation for the respective machines.

### Service contact

#### Global Technical Support Team

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