

Instructions

Installation conversion kit SA valve - Quantum

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1 Scope of application

These conversion instructions apply to the replacement of metering valves type SA with metering valves type Quantum for the following blast pot types:

<i>Blast pot</i>	<i>Typ</i>	<i>Art.Nr.</i>	<i>Art.Nr. Conversion kit</i>
BNP-cabin blast pot	SC-2040Z	00882D	27347D
100 I – blast pot	SCW-2040	100694	27346D
200 I - blast pot	SCWB-2452	90867D	27347D
HSP 200 blast pot	SC-1628	99954D	27347D

Table 1: Scope of application

In addition, the following operating instructions must be observed:

- Operating instructions of the dosing valve Quantum K

2 Particular hazards

Observe the safety instructions listed here in order to reduce health hazards and avoid dangerous situations.

	Warning
	<p>Risk of injury from pneumatic energies! Pneumatic energies can cause extremely serious injuries. Loose screw connections can cause components to come loose and fly away at high speed. If individual components are damaged, air can escape under high pressure and damage the eyes, for example. Therefore:</p> <ul style="list-style-type: none"> - Only work on the depressurised system. - Disconnect the system from the compressed air supply before working on it. - Before commissioning, check that the screw connections are in perfect condition.

3 Scope of supply:

	Art.Nr. 27346D	Art.Nr. 27247D
Dosing valve Quantum K pre-assembled		
Air hose Art:Nr. 100727 0,8 m		
Hose nipple Art:Nr. 99469D 1 Stk		
Clamp Art:Nr. 99641D 2 Stk		

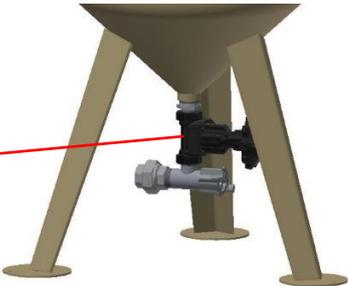
4 Assembly procedure

4.1 Removal of existing parts

1. Loosen the screw connections of the connecting line between the blast pot and the dosing valve.
2. Remove pipe.



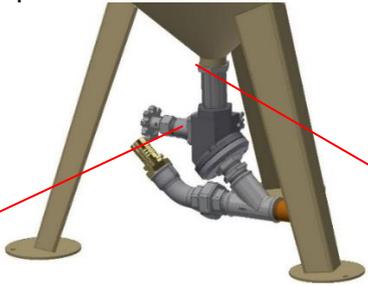
3. Remove dosing valve.



4.2 Installation of dosing valve

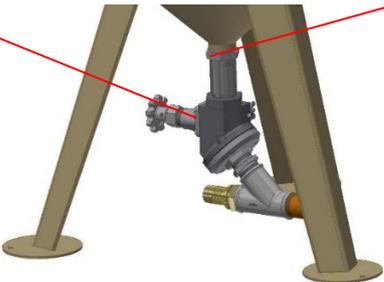
Art.Nr. 27247D
(Blast pot SCWB-2452 / BNP-cabin / HS-200P)

1. Screw the dosing valve into the blast pot. Hose connection piece should be aligned in the direction of the rest of the piping.



Art.Nr. 27346D (blast pot SCW 2040)

2. Tighten lock nut against threaded sleeve on the blast pot.



4.3 Ball valve assembly

1. Detach the ball valve from the old pipework.
2. Screw the hose nipple into the ball valve.
Use thread sealant (Teflon tape; liquid sealant).
Screw the hose nozzle in as far as it will go.



3. Mount the ball valve again in the old position.



4.4 Mounting the connection hose

1. Adapt hose length to pipework.

HS-200P:	approx. 370 mm
SCW 2040:	approx. 585 mm
BNP-cabin:	approx. 500 mm
SCWB 2452:	approx. 650 mm

HS-200P, BNP-cabin and
SCWB 2452

Blast pot SCW 2040



2. Slide the hose clamps onto the hose.



3. Push the hose onto the hose nipples
For easier assembly, spray the hose nipple with silicone spray before assembly.



Hose must be pushed up to the collar of the hose nipple.

4. Tighten the hose clamps.

Make sure that the securing clips of the clamp engage over the securing collar.

5 Restart

- Before putting the blast pot back into operation, check all screw connections for tightness.
- Observe the chapters "Preparatory work for initial or reinstallation" in the operating instructions for the blast pot.