

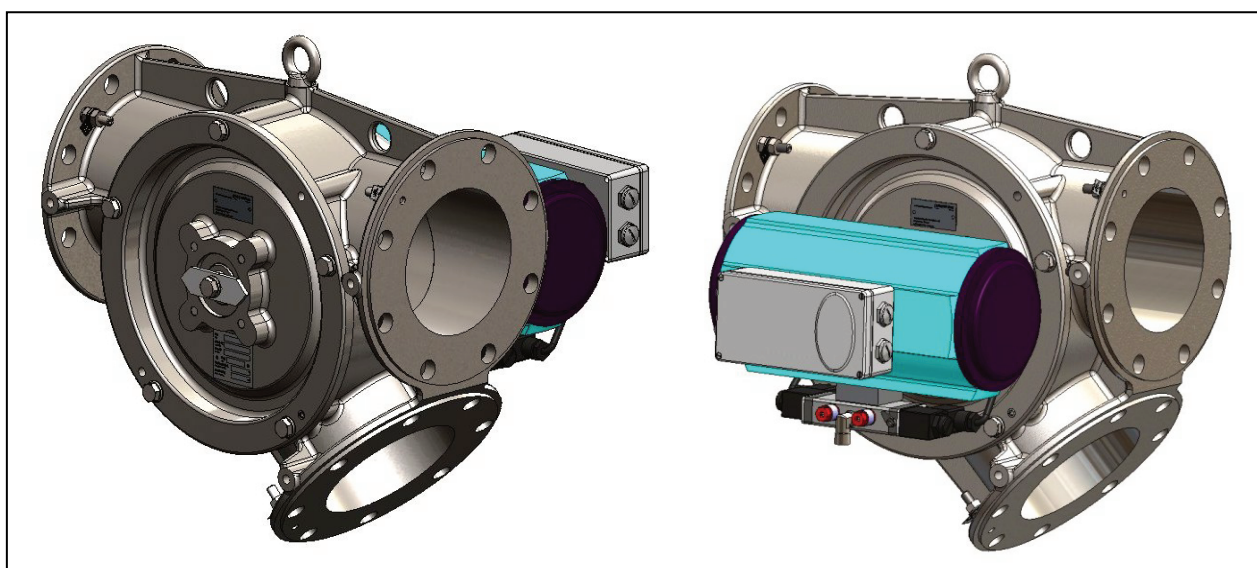
## Spare parts catalog

**Sphero-Diverter WEK 108-316 SS**

**Spare parts catalog number S57748\_GB\_2009-03**

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**Type / Serial number**

**Order no. /  
Year of manufacture**

**Coperion GmbH**

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Contents of Repair Manual

	Number	Chapter
Spare and wearing parts .....	K57669/GB/03-09 .....	1.0



This Spare parts catalog must only be used in conjunction with Operating Manual M55893, which was supplied with every diverter valve as standard!

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Spare and wearing parts

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## **1 Stockkeeping of spare parts**

It is an essential requirement for ensuring the constant function and readiness for operation of the diverter valve that a stock of the most important spare and wearing parts is kept at the site of installation.

Please refer to the spare parts list for ordering spare parts.

The drawings of spare parts are designed to provide further information.

We only guarantee original spare parts supplied by us.

We must point out expressly that original spare parts and accessories not supplied by us have neither been tested nor approved by us. The installation and/or use of such products might therefore have a negative effect on the design properties of the diverter valve, thereby impairing the active and/or passive operational reliability and safety of the unit. Coperion does not accept any liability and warranty for damage incurred as a result of the use of non-original spare parts and accessories.



In particular with employment in highly combustible atmosphere (after ATEX) the use of original spare parts is prescribed, in order to ensure the security of the diverter valve.

Please note that there are often special manufacturing and supply specifications for our own and bought-in parts and that we always provide spare parts in line with the state of the art and in accordance with the most recent statutory requirements.

Please quote the following data when ordering spare parts:

### **Unit data:**

- Serial number (shown on rating plate)
- Type designation (shown on rating plate)
- Coperion order number with sub-assembly (if applicable)

### **Spare parts data:**

- Operating instructions number (see cover sheet)
- Item
- Designation
- Quantity

## **2 Service**

We recommend a regular service by our qualified technical team. We would like to increase the operability of your components even after prolonged periods of use and can therefore offer you the facilities of our Service Centre.

- We would be pleased to offer you a maintenance contract. This means that we would not only undertake to carry out the actual maintenance work, but also monitor the maintenance cycles etc. This operates very simply: We enter your records in our service computer file and contact you automatically to arrange a convenient date.
- If you would like to carry out the maintenance work yourself, we would be pleased to provide intensive training for your operating personnel with regard to the operation and repair of Coperion components. We run courses in our engineering department and our teaching facilities to provide you with comprehensive information about diverter valves and shut-off valves, thereby enabling you to carry out your own maintenance and troubleshooting.
- Naturally we would also be pleased to carry out the assembly and commissioning of your Coperion components.

If you require any of these facilities, please contact our Service Centre:

**Coperion GmbH**

P.O. Box 4065

D-88219 Weingarten

Telephone: +49 / 751 4 08-0

+49 / 751 4 08-450 (service number)

Fax: +49 / 751 4 08-200



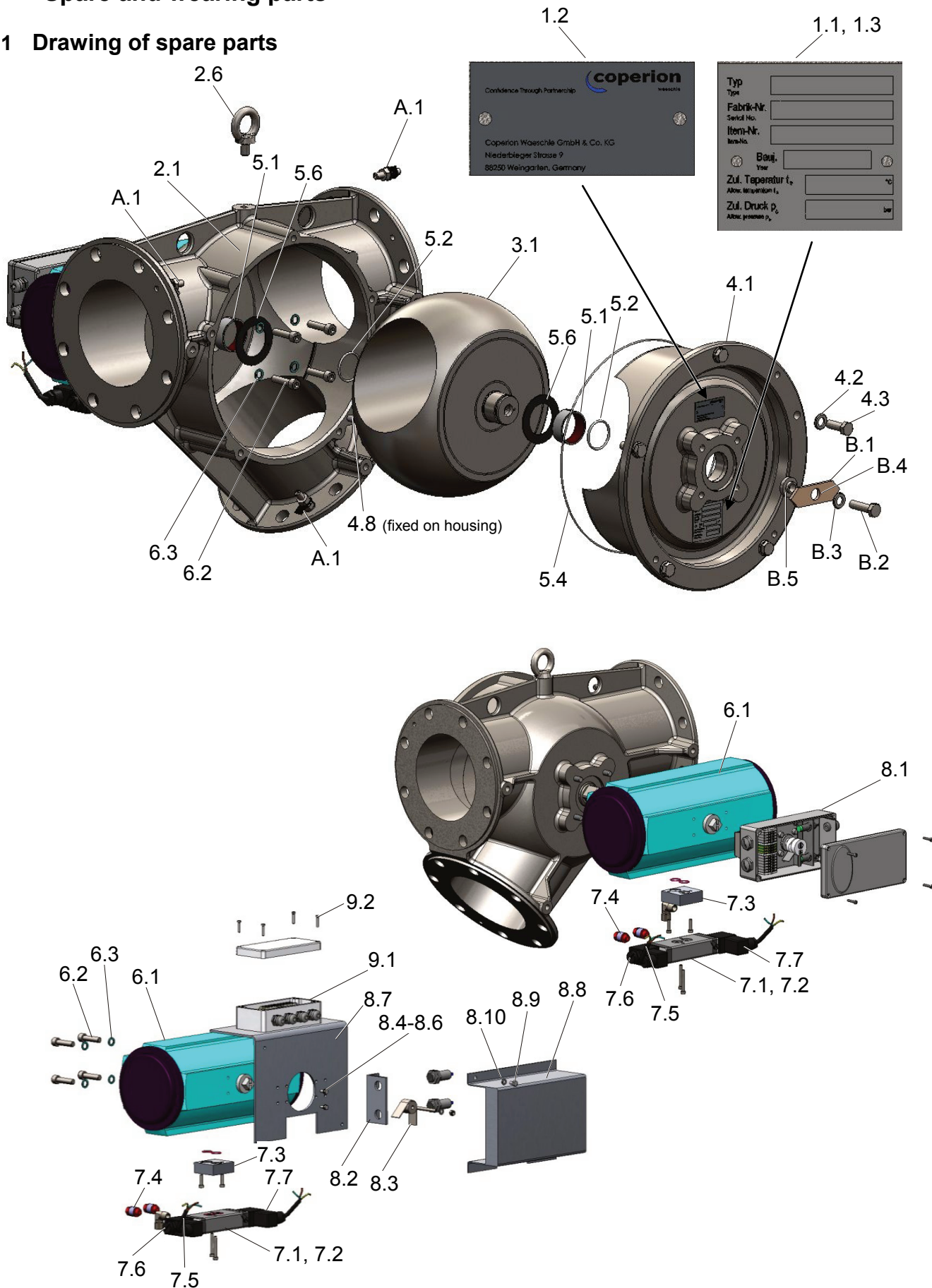
For safety reasons you should only use original Coperion spare parts.

To allow us to deal with your requests quickly and efficiently, we require the following information:

- Serial number (shown on rating plate)
- Type designation (shown on rating plate)
- Coperion order number with sub-assembly (if applicable)
- Description of the problem
- Operating data

### 3 Spare and wearing parts

#### 3.1 Drawing of spare parts





Item	Designation	DIN	Quantity/unit	K*
<b>1</b>	<b>Aufdruck</b>		1	
1.1	Plate - rating plate		1	
1.2	Plate - nameplate		1	
1.3	Retaining plate for type plate		1 (only for size 102/108 SS)	
<b>2</b>	<b>Housing WEK</b>		1	
2.1	Housing		1	
2.6	Eyebolt	580	1	
<b>3</b>	<b>ROTATING ELEMENT</b>			
3.1	Rotating element (without seal)		1	
<b>4</b>	<b>SIDE COVER</b>			
4.1	Cover WEK		1	
4.2	Washer	125	5-10	
4.3	Hexagon bolt	933	5-10	
4.8	Parallel pin			
<b>5</b>	<b>BEARING AND SEAL</b>			
5.1	Slide bearing		2	E
5.2	O-ring		2	V
5.4	O-Ring		1	V
5.6	Spacer disc		2	E
<b>6</b>	<b>PNEUMATIC DRIVE</b>		1	
6.1	Rotary actuator		1 depending on version	E
6.2	Bolt		4	
6.3	USIT ring		4	V
6.4	Locking bolt			
<b>7</b>	<b>SOLENOID VALVE</b>			
7.1	Solenoid valve		1	E
7.2	Solenoid		2	E
7.3	Valve adapter (Namur)		1	
7.4	Outlet regulator		2	E
7.5	Cable		1	
7.6	Plug		1	
7.7	Bracket		1	

**Chapter 1.0**  
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\* E = Spare part; V = Wearing part