

Spare parts catalog

Symmetrical two-way flap diverter WGV 150 bis 300

Spare parts catalog number S55930_GB_2008-01

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Type / Serial number

Order no. /
Year of manufacture

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Contents of Spare parts catalog

	Number	Chapter
Spare and wearing parts.....	K55937/GB/01-08	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 Waeschle 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 Waeschle order number with sub-assembly (if applicable)

Spare parts data:

- Operating instructions number (see front cover)
- 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 Waeschle components. We run courses in our engineering department and our teaching facilities to provide you with comprehensive information about diverter valves, shut-off and diverter valves to improve your ability to carry out your own maintenance work and troubleshooting.
- Naturally we would also be pleased to carry out the assembly and commissioning of your Coperion Waeschle components.

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

Coperion Waeschle GmbH & Co. KG

P.O. Box 4065

D-88219 Weingarten

Telephone: +49 / 751 4 08-0

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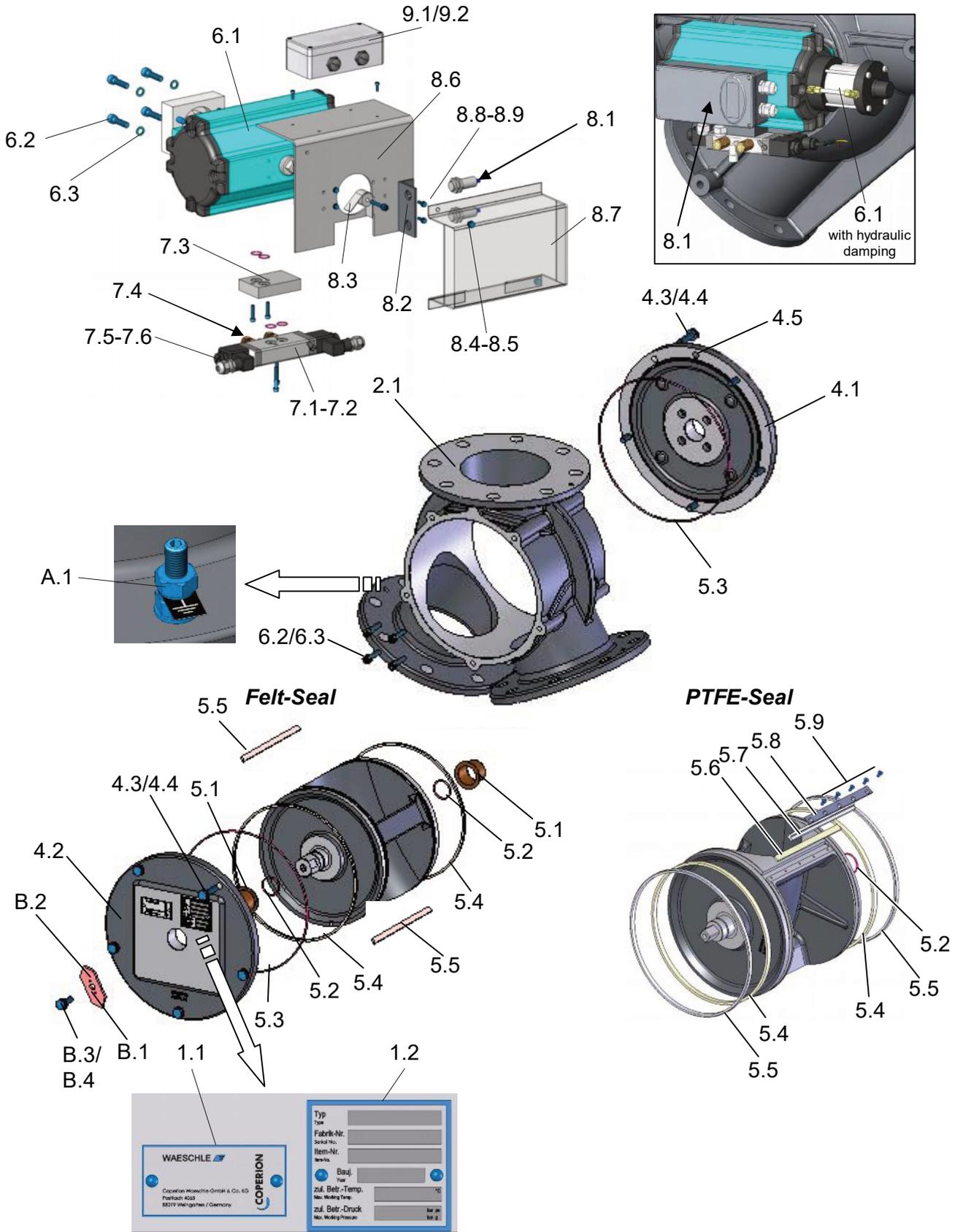
For safety reasons you should only use original Coperion Waeschle spare parts

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 Waeschle order number with sub-assembly (if applicable)
- Description of the problem
- Operating data

3 Spare and wearing parts

3.1 Drawing of spare parts



3.2 List of spare parts

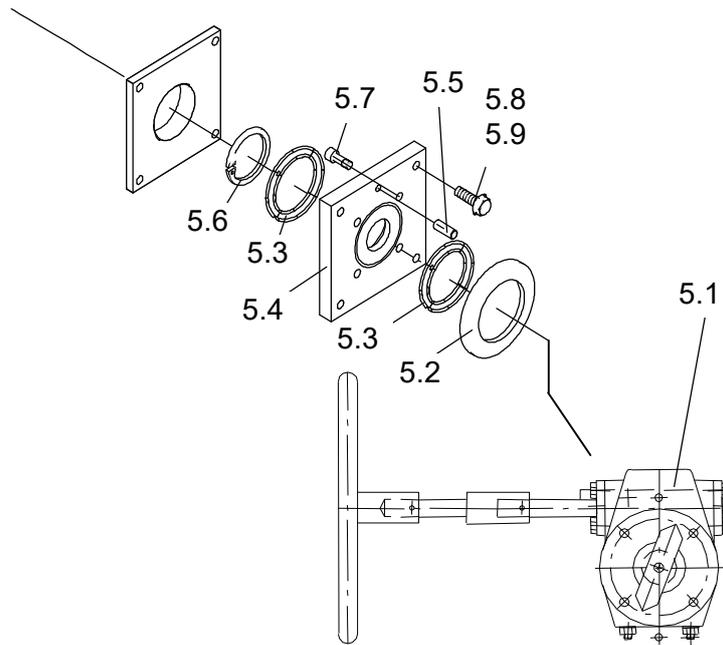
Item	Designation	DIN	Quantity/unit	K*
1	COMPONENT TYPE WGV		1	
1.1	Plate - nameplate		1	
1.2	Plate - rating plate		1	
2	HOUSING			
2.1	Housing		1	
2.2	Thread insert (cap screws)		10	
3	ROTATING ELEMENT			
3.1	Rotating element WGV		1	
4	SIDE COVER WGV			
4.1	Cover WGV A (Drive end)		1	
4.2	Cover WGV B (Purging end)		1	
4.3	Washer	7090	10	
4.4	Hexagon bolt	4017	10	
4.5	Parallel pin	7979	1	
5	BEARING AND SEAL WGV			
5.1	Locating bearing		2	E
5.2	O-ring		2	V
5.3	O-ring		2	V
	Felt-Seal			
5.4	Seal, circumferential, felt (4 x 4 mm white)		2	
5.5	Seal, transverse, felt (4 x 10 mm white)		2	
	PTFE-Seal			
5.4	Seal ring PTFE		2	
5.5	Profiled seal, flat circumferential		2	
5.6	Profiled seal, flat transverse		2	
5.7	Profiled seal PTFE		2	
5.8	Retaining plate		2	
5.9	Countersunk bolt	963	10	
6	PNEUMATIC DRIVE P1		1	
6.1	Rotary actuator		1	E
6.2	Bolt		4	
6.3	USIT ring		4	V

* E = Spare part / V = Wearing part

Item	Designation	DIN	Quantity/unit	K*
7	SOLENOID VALVE			
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			
7.6	Sealing plug			
8	PROXIMITY SWITCH			
8.1	Proximity switch (mechanical/inductive)		2	E
8.1	Signal box		1	
8.2	Bracket for proximity switch		1	
8.3	Operating cam	580 galv. steel.	1	
8.4	Hexagon bolt	125	4	
8.5	Washer	933	4	
8.6	Bracket		1	
8.7	Guard plate		1	
8.8	Hexagon bolt	125	2	
8.9	Washer	933	2	
9	TERMINAL BOX			
9.1	Terminal box		1	
9.2	Bolt	912	2	
A	EARTHING			
A.1	Earthing screw		3 (option)	
	Earth mark		3 (option)	
B	POSITION INDICATOR			
B.1	Position indicator		1	
B.2	Dowel pin		2	
B.3	Washer	125	1	
B.4	Hexagon bolt	931	1	

* E = Spare part / V = Wearing part

Manually-operated rotation drive



Item	Designation	DIN	Quantity/unit	K*
5	DRIVE (MANUALLY-OPERATED ROTATION DRIVE)		1	
5.1	Worm drive with handwheel		1	E
5.2	Centring ring		2	
5.3	O-ring		1	V
5.4	Adapter		1	
5.5	Parallel pin	7	1	
5.6	Retaining ring	471	1	
5.7	Bolt	912	4	
5.8	Washer	125	4	
5.9	Hexagon bolt	933	4	

* E = Spare part / V = Wearing part

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