

Sicherheitsabblaseeinrichtung Safety Relief Valve Soupape de Sécurité	
Typ	873-F 2
Fabr.-Nr./Baunr.	010259192 2004
DIN-DVGW-Reg.-Nr.	NS-635A10216
Zul. Betriebsdruck permissible service press. pression max. permise	100 bar
Einstellbereich p_n setting range plage de réglage	10 ... 100 bar
Engster Strömungs- ϕ smallest dia. of flow diamètre min. de passage	8 mm
Bauteilenummern part numbers	100-01-0140-4-6-4174
Werkstoff material matériau	CuZn39Pb36 AMg51FZ8
EINSTELLBEREICH RANGE GAMME	p_n 40 ... 100 bar
SOLLWERT SETPOINT VALEUR DE CONSIGNE	p_s 70 bar

OPERATING AND MAINTENANCE INSTRUCTIONS/
SPARE PARTS

EDITION 01/2017

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The detailed information 873.00 for the safety relief valve (SBV) contains technical data, type description and dimensions. The "General operating instruction for gas pressure regulators and safety devices" contains information on starting and adjustment of the device.

Index of "Operation and maintenance, Spare parts" 873.20":

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1.1. Special operating notes

Our brochure "General Operating Instructions for Gas Pressure Regulators and Safety Devices" will be useful to fit the valve into the line, put into the line, put into service and find faults that might disturb the operation.

The construction, set-up, supervision and maintenance of gas pressure pressure stations are subject to various national technical rules, which should be strictly observed. In Germany please refer to the DVGW-Worksheets G 490, G 491 and G 495.

1.2. Maintenance instruction

1.2.1. General

The frequency of periodical maintenance of gas pressure regulator HON 214 should be determined according to the prevailing conditions and the type and composition of the gaseous medium. We, therefore, abstain from imposing any fixed intervals. In Germany please refer to the recommendations given by the DVGW-Worksheets G 495.

For maintenance all elements are to be cleaned and thoroughly checked visually. A visual control is also necessary if irregularities in the response behaviour occur during functional tests. Particular care should be given to the checking of sealings and diaphragms, as well as carrying and moving parts. Damaged parts have to be replaced by new ones.

The item nos. listed in the maintenance instruction correspond to those in the spare parts list.

1.2.2. Maintenance notes

- Exchange of sealing disc (13)

Remove cover (21). Pull out mounting unit piston (4) and valve plate (4). Fix piston and screw off valve plate (13). Exchange sealing disc (13). Note: Fix sliding surfaces of piston (4) into protection cheeks.

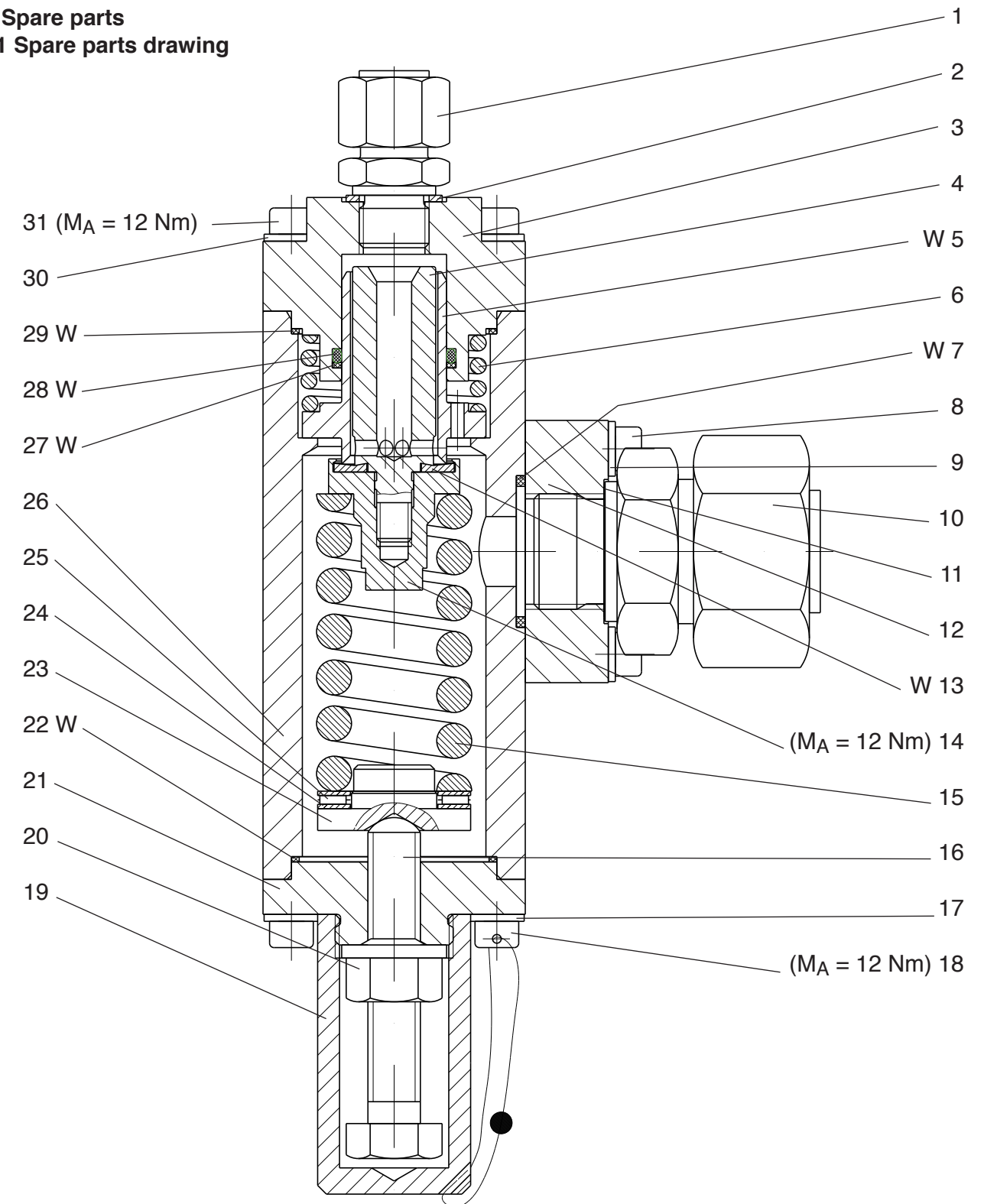
Prior to mounting slightly lubricate sliding surfaces of piston (4) with high efficiency grease and apply screw protection Locktite to thread. Mount parts. Note: Piston (4) must easily move within valve sleeve (5).

- Exchange of valve sleeve (5)

dismount piston housing (3) and exchange valve sleeve (5). Note: screw in / off cylindrical screws (30) cross-wise.

2. Spare parts

2.1 Spare parts drawing



2.2. Spare parts list (Parts to be held in stock for maintenance)

item no.	description	material	HON stock no.
5	valve sleeve	St	10 010 422
7	O-ring	KG	00 020 237
13	sealing washer	KG	10 010 429
22	O-ring	KG	00 020 293
27	supporting ring	KG	00 026 420
28	O-ring	KG	00 020 327
29	O-ring	KG	00 020 293
50	silikone grease 400 light	-	00 027 081

material key:

St ... steel

KG ... rubber-like plastic material

For More Information

To learn more about Honeywell's
Advanced Gas Solutions, visit
www.honeywellprocess.com or contact
your Honeywell account manager

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