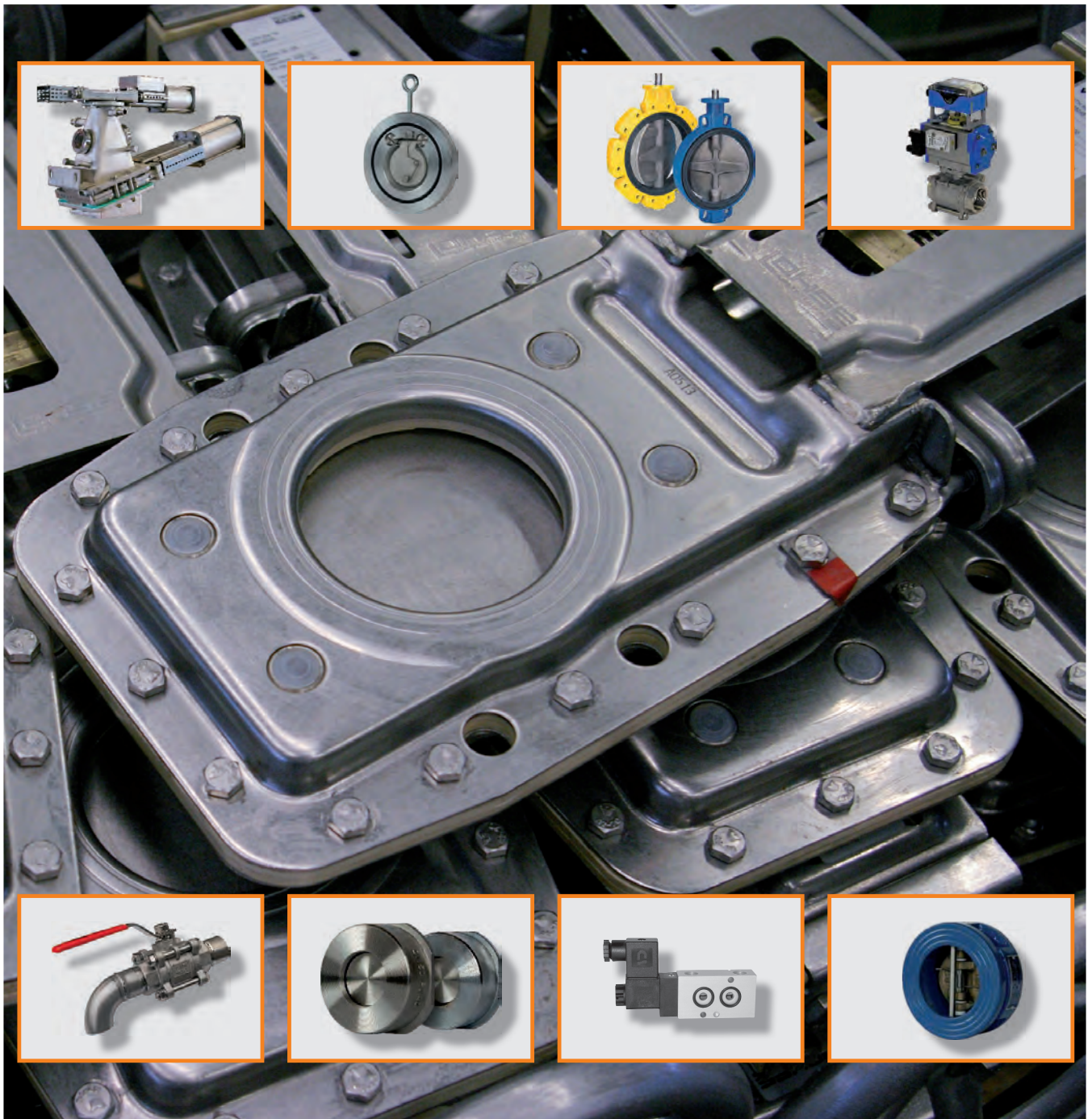


MARTIN LOHSE GmbH

Simply better valves!



Valves

50 years of experience and success

Genuine Made in Germany Quality - all the components of our COMPACT and reject valves are produced in Germany. This enables us to react quickly and flexibly to our customer requirements.

Our maintenance friendly two piece housing of the COMPACT and reject valves enables wearing parts to be changed simply resulting in reduced life-time cycle costs.

A thought-out system to fit accessories and drives on our modular valves rounds off the Lohse concept.

Engineering, flexibility, high quality standards,
expertise and service
– all from a single source!

Our customers are from the following industries:



Chemical industry



Water treatment



Food industry



Sewage treatment
technology



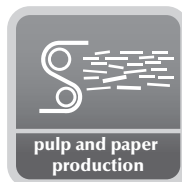
Mining
Mineral processing



Pharmaceutical industry



Waste technology



Paper industry



Construction industry



Biogas industry

Granules



Applications: e.g. plastic granules, washing powder
 Suitable valves: CGNA, CGDS, TA, AEQ, TAQ

Advantages:

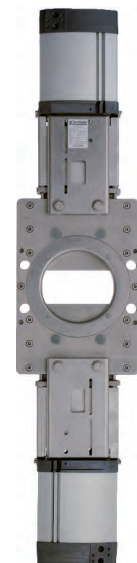
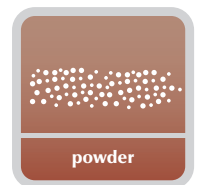
- high process reliability due to
 - small cavities
 - narrow guideways
- low-clogging
- compact design
- variable diameter
- manual to fully automatic control
- fully automatic position monitoring

Benefits:

- longer machine times due to high availability
- reduction of maintenance intervals and costs by up to 30%
- reduction of servicing costs by up to 10%
- energy savings due to ease of movement / gliding

Further information on request.

Powders



Applications: e.g. plaster, cement
 Suitable valves: CNA, CDS, RQS, AEQ, TA, TAQ

Advantages:

- high process reliability due to
 - small cavities
 - narrow guideways
- low-clogging
- anti-stick properties of the slide plate surface
- low wear
- variable diameter
- manual to fully automatic control
- fully automatic position monitoring

Benefits:

- longer machine times due to high availability
- reduction of maintenance intervals and costs by up to 50%
- reduction of servicing costs by up to 10%
- energy savings due to ease of movement / gliding

Further information on request.

Paints



Applications: e.g. lacquers

Suitable valves: CNA, CDS, ball valves, gate valves

Advantages:

- high leak tightness
- anti-stick properties of the slide plate surface
- high process reliability due to
 - small cavities
 - narrow guideways
- variable diameter
- manual to fully automatic control
- fully automatic position monitoring
- silicone-free

Benefits:

- longer machine times due to high availability
- reduction of maintenance intervals and costs by up to 50%
- reduction of servicing costs by up to 10%

Further information on request.

Dusts

Applications: e.g. coal dust

Suitable valves: CGNA, gate valves

Advantages:

- high process reliability due to
 - small cavities
 - narrow guideways
- anti-stick properties of the slide plate surface
- high leak tightness
- high temperature resistance
- variable diameter
- manual to fully automatic control
- fully automatic position monitoring

Benefits:

- high safety due to ATEX certification
- longer machine times due to high availability

Further information on request.



Viscous media



Applications: e.g. sludge

Suitable valves: CDS, CNA, CBS, AEQ

Advantages:

- high leak tightness
- reliable shut-off due to protected guides
- low wear
- compact design
- manual to fully automatic control
- fully automatic position monitoring

Benefits:

- longer machine times due to high availability
- reduction of maintenance intervals and costs by up to 50%
- reduction of servicing costs by up to 10%

Further information on request.

Water / waste water

Applications: e.g. process water

Suitable valves: CAW, CNA, CBS, ball valves, gate valves

Advantages:

- high resistance to rust and acids
- excellent control characteristics in case of high flow rates or pressure
- high leak tightness
- high process reliability due to
 - small cavities
 - narrow guideways
- variable diameter
- manual to fully automatic control
- fully automatic position monitoring

Benefits:

- longer machine times due to high availability
- reduction of maintenance intervals and costs by up to 50%
- reduction of servicing costs by up to 10%

Further information on request.



Food



* suitable for use with foods

Applications: e.g. liquorice

Suitable valves: CNA, CDS, CAW, ball valves, gate valves

Advantages:

- high leak tightness
- anti-stick properties of the slide plate surface
- high process reliability due to
 - small cavities
 - narrow guideways
- compact design
- manual to fully automatic control
- fully automatic position monitoring

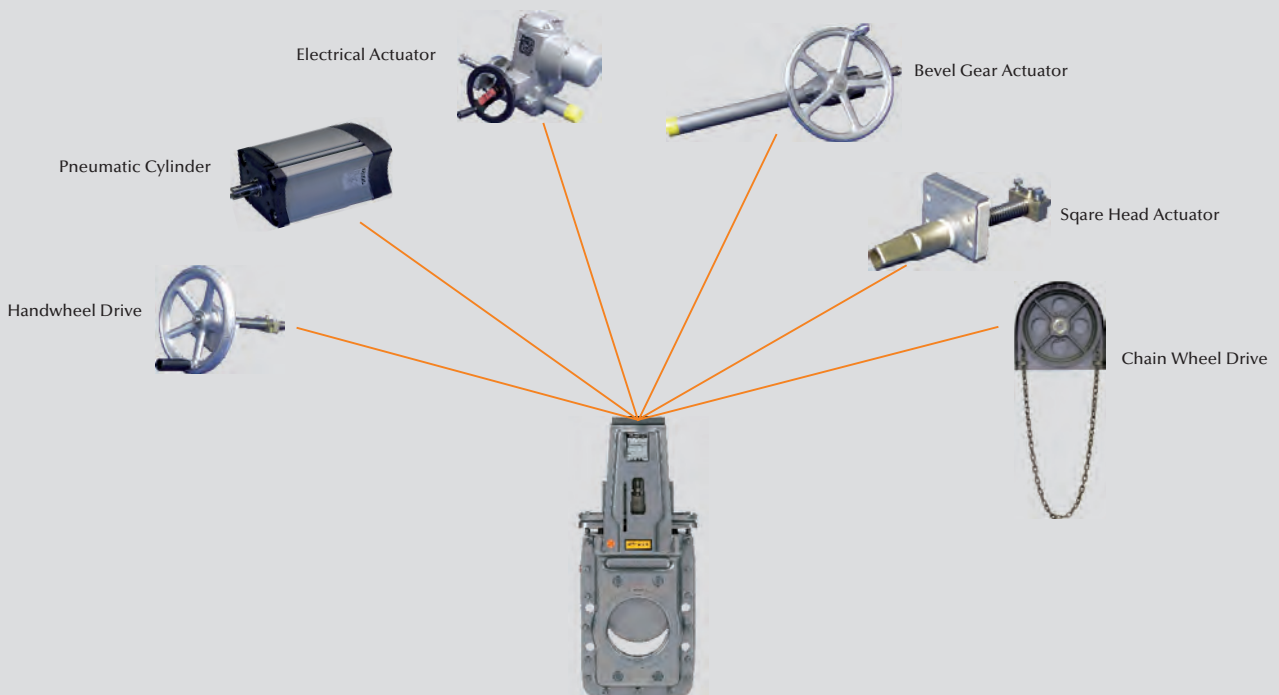
Benefits:

- longer machine times due to high availability
- separable fitting for easy maintenance and cleaning

Further information on request.

Operating elements – the LOHSE modular system

All LOHSE COMPACT valves consist of a base body and drive element. These drive elements are mutually exchangeable also in installed condition – provided precautionary measures are taken.



Dirt Traps Type RSL

Applications: e.g. discharge of reject material

Ensures reliable discharge of reject material in fibrous, low-viscosity and high-viscosity media; special geometry reduces turbulence and maximises antiwear characteristics.



Butterfly valves



Applications: e.g. water, liquids with low fibre content

Soft-sealing; available in different seal and body materials.

Ball valves

Compact flange ball valves or 1-, 2- or 3-part ball valves

as welded, threaded, flanged or compact version
with hand lever or with DIN ISO mounting flange and part-turn actuator, double or single acting



Sampling valves



Applications: e.g. general sampling

with weld-on nipple or block flange design for welding and reseating, available in curved or straight version, flow polished

Check Valves

Applications: e.g. water, liquids with low fibre content

for preventing backflow
suitable for industrial use in pipeline systems for transport of liquid and gaseous substances, as well as in systems with especially stringent material requirements

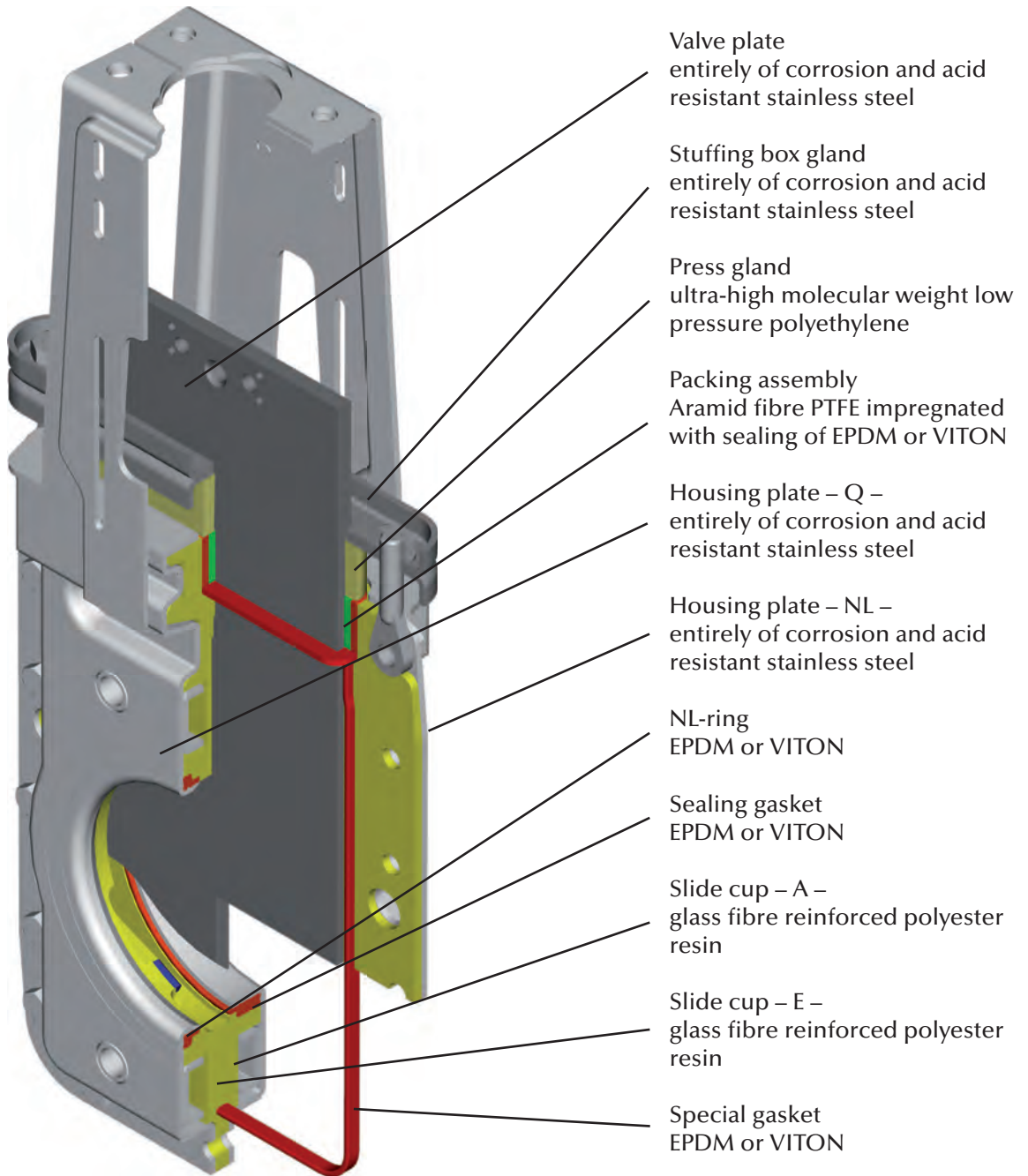


Accessories for valves



solenoid valves – limit switches – terminal boxes – positioners – switch guards, etc.

A CNA valve as an example of the design of our service-friendly two-part valve body



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