

Benefits – Pressure Reducing Valve DM 462V

seit 1885
MANKENBERG

EASY-CHECK –
non-rising adjusting screw
Function externally visible,
easy and accurate to
adjust the set pressure, non-
varying installation height **1**

Minimum mass
Low thermal losses during
CIP/SIP procedures, shorter
cleaning and sterilisation
times **2**

Excellent standard surface,
optionally electro-polished,
fine-quality micro-blasted
Easy to clean **3**

CrNiMo steel (1.4404,
optionally 1.4435), corrosion-
resistant, lightweight and
compact
**Long operational lifespan, ma-
nageable installation, mini-
mum space required, low
delta-ferrite content
possible** **4**

Lifting of spindle possible
through superposition of
compressed gas
Automatic cleaning cycles
(change of media) **5**

External spindle guide
Less dead pockets, no O-ring
abrasion, higher control
accuracy **6**

Mankenberg clamp system
Easy to maintain **7**

Various connection
possibilities: clamp
connection, dairy pipe unions,
DIN-, ANSI or aseptic flanges,
welding ends ...
No adapters or fitting
pieces required **8**

Angle valve, straight-way
valve or 3-socket body
Flexible installation,
completely draining **9**

Options
Leakage line connection and
adjusting screw seal
Usable BGV-compliant for
combustible and
dangerous media **a**

Dome-loaded
Electro-pneumatic actuation **b**

Internal Parts
FDA-compatibility
USP Class VI 121 °C
Approved for pharmaceutical
and food-processing plants
PTFE protection foil
Physiologically harmless, can be
exposed to steam up to 180 °C
Internal surface finish up to
Ra ≤ 0.25 µm, mechanically
polished, electro-polished
Meeting highest hygiene
standards

Inlet Pressure
Outlet Pressure