

Pressure Control Valves



Pressure Reducing Valves DM 505

Your advantages at a glance

Connection	DN 15 - 25, G 1/2
Nominal Pressure	PN 250
Inlet Pressure	up to 250 bar
Outlet Pressure	0,005 - 20 bar
K _{V5} Value	0,2 - 1,5 m ³ /h
Temperature	130°C / 180°C
Medium	liquids and gases

Valve for Small Flow Rates

various flow rate performances (K_{v5} values) can be chosen | suitable for liquids and gases | completely made of deep-drawn CrNiMo steel | corrosion resistant, very lightweight and compact, requires no external energy | long operational life-span, manageable installation, easy-to-maintain owing to the clamp system, can be actuated pneumatically, various designs and connection types – highest effectiveness with compact design

www.mankenberg.de | Tel. +49 (0) 451 - 8 79 75 0

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compact, pressure-resistant, corrosion-resistant by deep drawn 316 Stainless steel

long operational lifespan, easy installation, minimum space required, possibly low content of delta-ferrite

inlet pressure up to 250 bar

Mankenberg clamp system
fast service

standard surface < RA 1,6 µm
easy to clean

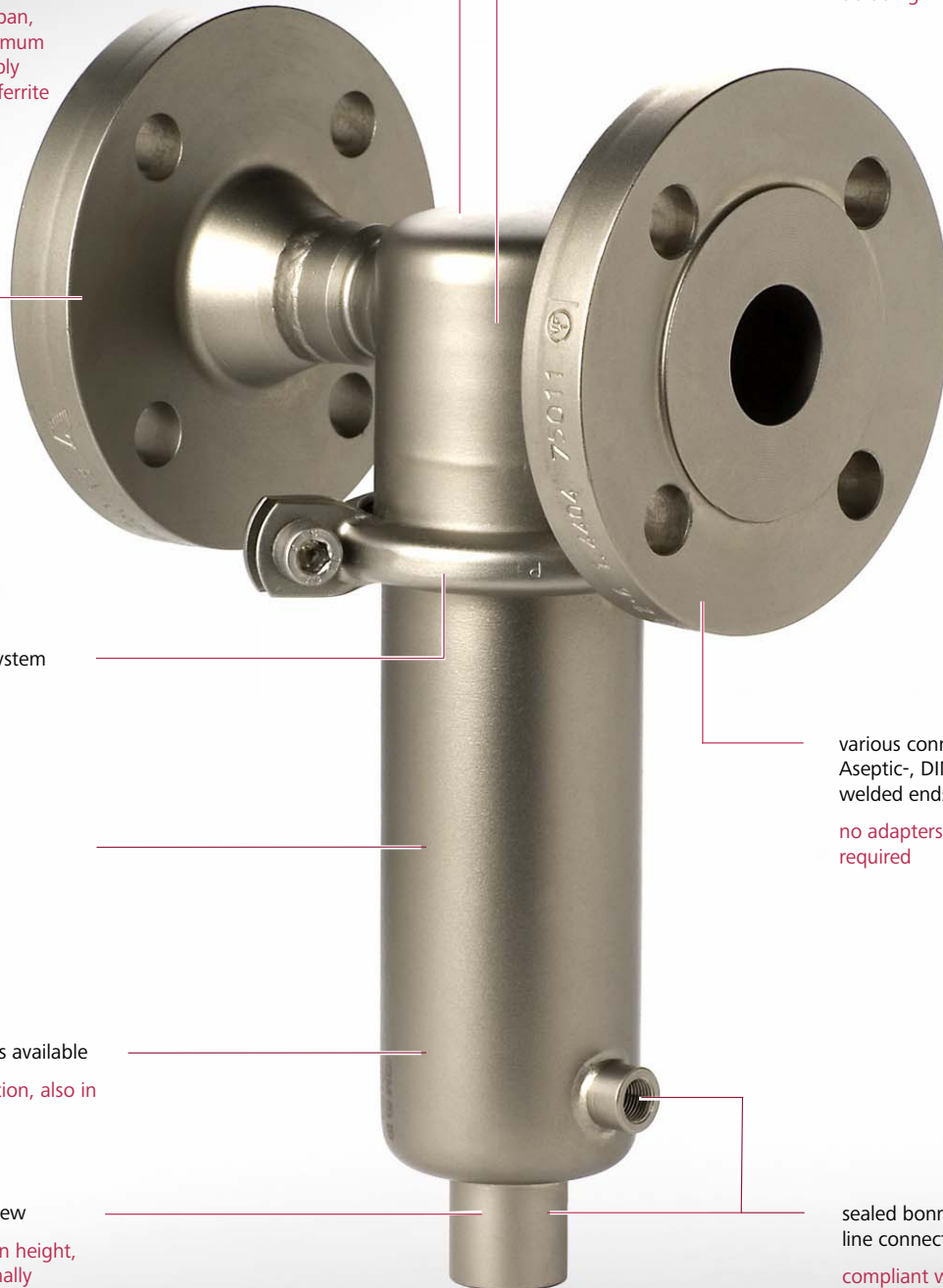
many control modules available
most accurate regulation, also in millibar ranges

non increasing set screw
unchanged installation height, function visible externally

soft or hard seal
can also be used for abrading media

various connection alternatives: Aseptic-, DIN- or ANSI flanges welded ends
no adapters or fitting pieces required

sealed bonnet with leakage line connection (option)
compliant with UVV, suitable for inflammable and dangerous media



Pressure Control Valves



Pressure Reducing Valves DM 505Z

Your advantages at a glance

Connection	DN 15 - 25, G 1/2
Nominal Pressure	PN 40
Inlet Pressure	up to 40 bar
Outlet Pressure	0,005 - 12 bar
K _{V5} Value	0,2 - 1,5 m ³ /h
Temperature	200°C (optional 250 °C)
Medium	liquids, gases and steam

Valve for Small Flow Rates

various flow rate performances (K_{v5} values) can be chosen | suitable for gases and steam | completely made of deep-drawn CrNiMo steel | corrosion resistant, very lightweight and compact, requires no external energy | long operational lifespan, manageable installation, easy-to-maintain owing to the clamp system, various designs and connection types – highest effectiveness with compact design

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compact, pressure-resistant, corrosion-resistant by deep drawn 316 Stainless steel

long operational lifespan, easy installation, minimum space required, possibly low content of delta-ferrite

Mankenberg clamp system
fast service

intermediate piece
optimal protection of the diaphragm

many control modules available
most accurate regulation, also in millibar ranges

non increasing set screw
unchanged installation height, function visible externally



standard surface < RA 1,6 µm
easy to clean

various connection alternatives: Aseptic-, DIN- or ANSI flanges welded ends
no adapters or fitting pieces required

sence line connection
accurate control

sealed bonnet with leakage line connection (option)
compliant with UVV, suitable for inflammable and dangerous media