

# Top Products

The bestsellers in our product range



# Pressure Reducing Valve DM 152



## Technical Data

DN ..... 15 - 50

PN ..... 2,5 - 10                      T ..... 130 / 180  
°C

$p_2$  ..... 0,3 – 5 bar                      Kvs ..... 2 – 5,2 m<sup>3</sup>/h

## Description:

Pressure reducing valve for small to medium flow rates

Completely made of deep-drawn CrNiMo steel

CiP/SiP version, virtually pocket-free, angle-type

Can be used for liquids, gases and steam

Available with a surface finish of up to  $Ra \leq 0,25 \mu m$

## Advantages:

Corrosion resistant, very lightweight and compact

easy-to-maintain owing to the clamp system

Long operational lifespan, easy installation

Reduced cleaning intervals, less energy expenditure



Druckregelventile  
Pressure Control Valves



# Pressure Reducing Valve DM 502



## Technical Data

G .....1/2 – 2  
PN .....100                      T ..... 130 °C / 180 °C  
p<sub>2</sub> .....0,02 – 16 bar              K<sub>vs</sub> .....0,6 – 4,2 m<sup>3</sup>/h

## Description:

- » Pressure reducing valve of stainless steel and brass,
- » Can be used for liquids and gases
- » Standard valve for CO<sub>2</sub>, many control ranges
- » Can be pneumatically controlled.

## Advantages:

- » Corrosion resistant, very lightweight and compact
- » Easy-to-maintain owing to the clamp system
- » Various connections and versions
- » Long operational lifespan, easy installation
- » Smooth surfaces that can easily be cleaned



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# Pressure Reducing Valve DM 505



## Technical Data

G .....1/2	DN .....15 - 25
PN .....250	T .....130 °C / 180 °C
p <sub>2</sub> .....0,005 – 20 bar	K <sub>vs</sub> .....0,05 – 1,5 m <sup>3</sup> /h

## Description:

- » Pressure reducing valve for small flow rates
- » Made of deep-drawn CrNiMo steel
- » Can be used for liquids and gases
- » Can be pneumatically controlled

## Advantages:

- » Corrosion resistant, very lightweight and compact
- » Easy-to-maintain owing to the clamp system
- » Various connections and versions
- » Long operational lifespan, easy installation
- » Smooth surfaces that can easily be cleaned



# Pressure Reducing Valve DM 510



## Technical Data

G .....3/8 - 2	DN .....15 - 50
PN .....16 - 315	T .....130 / 180 / 400 °C
p <sub>2</sub> .....0,005 – 160 bar	K <sub>vs</sub> .....0,15 – 5,5 m <sup>3</sup> /h

## Description:

- » Pressure reducing valve for high pressures, high temperatures and medium flow rates
- » NACE compatible
- » available in many material and connection versions
- » Control by diaphragm, piston or bellow

## Advantages:

- » high K<sub>vs</sub> values with compact design
- » also fulfills special rules and regulations
- » can be used for various media



# Pressure Reducing Valve DM 613



## Technical Data

DN ..... 15 - 150

PN ..... 16 - 40

p<sub>2</sub> ..... 0,02 - 10 bar

T ..... 130°C

K<sub>vs</sub> ..... 4 – 160 m<sup>3</sup>/h

## Description:

- » Standard cast valve for high flow rates
- » Inner parts made of stainless steel
- » can be used for liquids and gases

## Advantages:

- » universally usable



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Pressure Control Valves



# Pressure Reducing Valve DM 652



## Technical Data

G .....	1/2 - 2	DN .....	15 - 80
PN .....	16 - 40	T .....	130 / 190 / 220 °C
p <sub>2</sub> .....	0,02 – 12 bar	K <sub>vs</sub> .....	4 – 22 m <sup>3</sup> /h

## Description:

- » Relieved pressure reducing valve for universal use
- » Made of deep-drawn CrNiMo steel
- » Highest regulating accuracy, high flow rates
- » Can be used for liquids, gases and steam
- » Can be pneumatically controlled

## Advantages:

- » Corrosion resistant, very lightweight and compact
- » Easy-to-maintain owing to the clamp system
- » Various connections and versions
- » Long operational lifespan, easy installation



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Pressure Control Valves



# Pressure Reducing Valve DM 762



## Technical Data

G .....1/2 - 2	DN .....15 - 50
PN .....16	T .....130 °C
p <sub>2</sub> .....0,002 – 0,52 bar	K <sub>vs</sub> .....0,15 – 3,6 m <sup>3</sup> /h

## Description:

- » Millibar regulating valve for medium flow rates
- » made of deep-drawn CrNiMo steel
- » can be used for liquids and gases

## Advantages:

- » highest regulating accuracy owing to a large diaphragm and lever transmission
- » corrosion resistant, very lightweight and compact
- » various connections and versions
- » long operational lifespan, easy installation
- » large reduction ratios possible



# Back Pressure Regulator UV 3.5

## Technical Data

G .....1/2	DN ..... 15 - 25
PN .....25	T ..... 130 / 200 °C
p <sub>1</sub> .....0,005 – 20 bar	K <sub>vs</sub> .....0,15 – 1,5 m <sup>3</sup> /h

## Description:

- » compact backpressure regulator for small flow rates
- » made of deep-drawn CrNiMo steel
- » can be used for liquids, gases and steam
- » can be pneumatically controlled

## Advantages:

- » corrosion resistant, very lightweight and compact
- » easy-to-maintain owing to the clamp system
- » various connections and versions
- » long operational lifespan, easy installation



# Back Pressure Regulator UV 5.1

## Technical Data

G .....	1/2 - 2	DN .....	15 - 80
PN .....	16	T .....	130°C
p <sub>1</sub> .....	0,02 - 12 bar	K <sub>vs</sub> .....	3,2 - 22 m <sup>3</sup> /h

## Description:

- » relieved backpressure regulator for universal use
- » made of deep-drawn CrNiMo steel
- » can be used for liquids, gases and steam
- » highest regulating accuracy, high flow rates

## Advantages:

- » corrosion resistant, lightweight and compact
- » easy-to-maintain owing to the clamp system
- » various connections and versions
- » long operational lifespan, easy installation



# Back Pressure Regulator UV 1.2

## Technical Data

G .....	1/2 - 2	DN .....	15 - 50
PN .....	1 – 2,5	T .....	130 °C
p <sub>1</sub> .....	0,01 – 1,1 bar	K <sub>vs</sub> .....	0,2 – 28 m <sup>3</sup> /h

## Description:

- » Valve for simple regulation tasks
- » Body made of GG-25, GGG-40 or GS-C 25
- » can be used for liquids and gases

## Advantages:

- » especially sturdy
- » compatible with high temperature environment thanks to the bellows serving as a control element



# Back Pressure Regulator UV 3.0

## Technical Data

G .....1/2 - 2	DN .....15 - 50
PN .....1	T .....130 °C
p <sub>1</sub> .....0,002 – 0,52 bar	K <sub>vs</sub> .....0,15 – 3,6 m <sup>3</sup> /h

## Description:

- » Millibar regulating valve for small and medium flow rates
- » made of deep-drawn CrNiMo steel
- » can be used for liquids and gases

## Advantages:

- » highest regulating accuracy owing to a large diaphragm and lever transmission
- » corrosion resistant, very lightweight and compact
- » various connections and versions
- » long operational lifespan, easy installation



# Back Pressure Regulator UV 3.8



## Technical Data

G .....	1/2 - 2	DN .....	15 - 50
PN .....	10 - 16	T .....	130 / 180 °C
p <sub>1</sub> .....	2 - 16 bar	K <sub>vs</sub> .....	3,5 – 5,5 m <sup>3</sup> /h

## Description:

- » Backpressure regulator for small and medium flow rates
- » completely made of deep-drawn CrNiMo steel
- » CIP/SIP version, virtually pocket-free, angle-type
- » can be used for liquids and gases
- » available with a surface finish of up to  $Ra \leq 0,25 \mu m$

## Advantages:

- » corrosion resistant, very lightweight and compact
- » easy-to-maintain owing to the clamp system
- » long operational lifespan, easy installation
- » reduced cleaning intervals, less energy expenditure during sterilisation



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Pressure Control Valves



# Back Pressure Regulator UV 4.1

## Technical Data

DN ..... 15 - 150

PN ..... 16 - 40

$p_1$  ..... 0,02 – 10 bar

T ..... 130 / 200 °C

$K_{vs}$  ..... 4 – 160 m<sup>3</sup>/h

## Description:

- » Standard cast valve
- » Body made of GGG-40 or GS-C25
- » can be used for liquids, gases and steam

## Advantages:

- » universally usable
- » especially sturdy



# Back Pressure Regulator UV 8.2

## Technical Data

G .....3/8 - 2	DN .....15 - 50
PN .....250	T .....130 / 400 °C
p <sub>1</sub> .....2 - 100 bar	K <sub>vs</sub> .....0,2 – 5,5 m <sup>3</sup> /h

## Description:

- » Backpressure regulator for highest pressures, high temperatures and medium flow rates
- » NACE compatible
- » available in many material and connection versions

## Advantages:

- » High inlet pressure can be regulated
- » fulfills special rules and regulations
- » can be used for all media



# Vacuum Breaker VV 34

## Technical Data

G ..... 1/2A – 2 1/2A      DN ..... 20 - 250  
PN ..... 6 - 240              T ..... 300 °C  
p<sub>2</sub> ..... 0,05 – 0,95 bar      K<sub>vs</sub> ..... 1,5 – 388 m<sup>3</sup>/h

## Description:

- » with spring cap and setting scale
- » Body and spring cap made of CrNiMo steel
- » available in many material and connection versions
- » NACE compatible

## Advantages:

- » exactly adjustable
- » reliably protects from vacuum damage
- » corrosion resistant
- » can be used for various media



# Pilot Operated Control Valves RP 810 / 820



## Technical Data

DN ..... 40 - 400

PN ..... 16 - 160

p ..... 1 (2) - 80 bar

T ..... 130°C

K<sub>vs</sub> ..... 20 – 900 m<sup>3</sup>/h

## Description:

- » body made of GGG – 40, GS-C 25 or CrNiMo steel
- » can be used for liquids and gases

## Advantages:

- » high flow rates, high pressures
- » maintenance work can be done on the installed valve



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Pressure Control Valves



# Pilot Operated Control Valves 814 / 824



## Technical Data

DN ..... 100 - 800

PN ..... 16 - 100

p ..... 1 (2) - 20 bar

T ..... 130°C

Kvs ..... 60 – 2.100 m<sup>3</sup>/h

## Description:

- » inline valve with large flow rate
- » body material can be selected
- » can be used for liquids and gases

## Advantages:

- » high flow rates, high pressures
- » large Kvs values
- » diverse functions possible for one device



Druckregelventile  
Pressure Control Valves



# Pilot Operated Control Valves RP 840



## Technical Data

DN .....50 - 150

PN .....16 / 1

T ..... 130°C

p<sub>2</sub> .....0,002 – 0,52 bar    K<sub>vs</sub> .....3,6 – 150 m<sup>3</sup>/h

## Description:

- » pilot-operated millibar regulating valve
- » made of deep-drawn CrNiMo steel
- » prefabricated unit in a rack

## Advantages:

- » highest regulating accuracy owing to a large diaphragm
- » main valve allows a large flow rate
- » corrosion resistant, very lightweight and compact
- » high reduction ratio



Druckregelventile  
Pressure Control Valves



# Bleeding and Venting Valves EB 1.12 / 1.32



## Technical Data

G .....3/4 x 1/2	DN ..... 15 - 50
PN .....16	T ..... 190 °C
p ..... 0 - 16 bar	Q ..... 12 Nm <sup>3</sup> /h

## Description:

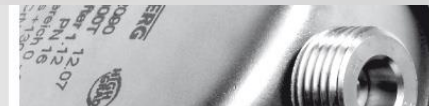
- » float-controlled continuous venting and bleeding valve
- » completely made of deep-drawn CrNiMo steel
- » can be used for various liquids (petrol, oils, ozoniferous liquids ....)
- » special materials are available: titanium, Hastelloy ®

## Advantages:

- » especially tight-closing soft seal
- » corrosion resistant, very lightweight and compact
- » easy-to-maintain owing to the clamp system
- » long operational lifespan, easy installation



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Bleeding and Venting Valves



# Bleeding and Venting Valves EB 3.52



## Technical Data

DN .....25 - 100

PN .....16

p .....0 - 16 bar

T .....130 °C

Q .....1.100 Nm<sup>3</sup>/h

## Description:

- » Venting and bleeding valve for start-up operation
- » completely made of deep-drawn CrNiMo steel
- » for various liquids (petrol, oils, ozoniferous liquids .....)
- » available made of seawater resistant stainless steel

## Advantages:

- » especially tight-closing soft seal
- » corrosion resistant, very lightweight and compact
- » easy-to-maintain owing to the clamp system
- » long operational lifespan, easy installation



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Bleeding and Venting Valves



# Bleeding and Venting Valves EB 1.74



## Technical Data

DN .....50 - 150

PN .....16

p .....0 - 8 bar

T .....130 °C

Q .....1.030 Nm<sup>3</sup>/h

## Description:

- » double venting and bleeding valve
- » completely made of deep-drawn CrNiMo steel
- » large air quantities in the start-up phase
- » continuous venting and bleeding under pressure
- » large venting performance with a vacuum occurring

## Advantages:

- » corrosion resistant, very lightweight and compact
- » easy-to-maintain owing to the clamp system
- » long operational lifespan, easy installation
- » smooth surfaces that can easily be cleaned



Be- und Entlüftungsventile  
Bleeding and Venting Valves



# Steam Traps KA 2X



## Technical Data

G .....	1 x 3/4A	DN .....	25 x G 3/4A
PN .....	16	T .....	190 °C
p .....	0 - 13 bar	Q .....	1.200 l/h

## Description:

- » float-controlled condensate trap
- » completely made of deep-drawn CrNiMo steel
- » can be used for steam, compressed air and aerosols
- » also available for use with explosive gases

## Advantages:

- » especially tight-closing soft seal
- » corrosion resistant, very lightweight and compact
- » easy-to-maintain owing to the clamp system
- » long operational lifespan, easy installation



Kondensatableiter  
Steam Traps



# Steam Traps KA 3



## Technical Data

G .....	1/2 - 1	DN .....	15 - 25
PN .....	16	T .....	190 °C
p .....	0 – 12 bar	Q .....	2.000 l/h

## Description:

- » float-controlled condensate trap
- » completely made of deep-drawn CrNiMo steel
- » can be used for steam, compressed air and aerosols
- » for steam with thermic continuous bleeding

## Advantages:

- » especially tight-closing soft seal
- » corrosion resistant, very lightweight and compact
- » easy-to-maintain owing to the clamp-system
- » long operational lifespan, easy installation



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Steam Traps



# Steam Traps KA Niagara



## Technical Data

DN ..... 15 - 150

PN ..... 16 - 40

p ..... 0 – 40 bar

T ..... 200 / 400 °C

Q ..... 193 m<sup>3</sup>/h

## Description:

- » float-controlled condensate trap
- » body made of GGG-40 or GS-C 25
- » can be used for steam, compressed air and aerosols
- » available with various bleeding devices

## Advantages:

- » solid, well proven, sturdy
- » big dirt collecting space
- » high-performance valve
- » long operational lifespan, long service intervals



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Steam Traps



# Float Valves NV 66e

## Technical Data

DN ..... 15 - 100

PN ..... 16

p ..... 0 - 16 bar

T ..... 180 °C

K<sub>vs</sub> ..... 4 - 100 m<sup>3</sup>/h

## Description:

- » float valve for installation in pipings
- » for open (depressurised) vessels, supply or drain valve
- » horizontal or vertical flow
- » completely made of deep-drawn CrNiMo steel

## Advantages:

- » smaller floats are needed owing to relief
- » corrosion resistant, lightweight and compact
- » easy-to-maintain owing to clamp system



Schwimmerventile  
Float Valves

# Float Valves NV 98



## Technical Data

G .....	3/8A – 1 1/2A	DN .....	40 - 80
PN .....	16	T .....	130 °C
p .....	0 - 8 bar	K <sub>vs</sub> .....	0,3 – 82 m <sup>3</sup> /h

## Description:

- » float valve for installation in tanks
- » for open and closed tanks
- » supply valve, vertical or horizontal flow
- » completely made of deep-drawn CrNiMo steel
- » Adjustable to different densities and pressures

## Advantages:

- » especially tight-closing soft seal
- » corrosion resistant, lightweight and compact
- » long operational lifespan, easy installation
- » smooth surfaces that can easily be cleaned
- » optionally available with parallel guide



Schwimmerventile  
Float Valves

# Strainer SF 2.00

## Technical Data

DN .....25 - 600

PN .....6 - 40

T .....200 °C

## Description:

- » pot strainer for large nominal diametres
- » clear mesh width from 0,25 to 2,5 mm
- » body of steel or CrNiMo steel

## Advantages:

- » low pressure loss
- » specific customised versions are available
- » short delivery times thanks to welded design



# Filters FI 6.06

## Technical Data

G .....1/2 - 2                      DN ..... 15 - 50  
PN .....16                              T ..... 190 °C

## Description:

- » filter insert of sintered steel or pleated stainless steel mesh
- » filter fineness 5, 20, 25 µm
- » can be used for gases and steam
- » completely made of deep-drawn CrNiMo steel

## Advantages:

- » corrosion resistant, very lightweight and compact
- » low resistance



# Liquid Separator AS 2

Authorised Distributor:



46, Jalan SS 22/21, Damansara Jaya,  
47400 Petaling Jaya,  
Selangor Darul Ehsan, Malaysia.

Email: [ampmech@ampmech.com](mailto:ampmech@ampmech.com)  
Website: [www.ampmech.com](http://www.ampmech.com)



## Technical Data

G .....1/2 - 2                      DN ..... 15 - 50  
PN .....16                              T ..... 190 °C

## Description:

- » swirl separator of straight design with integrated condensate trap
- » can be used for liquids, gases and steam
- » completely made of deep-drawn CrNiMo steel

## Advantages:

- » highest effectivity with compact design
- » corrosion resistant, very lightweight and compact
- » easy-to-maintain owing to clamp system
- » long operational lifespan, easy installation

