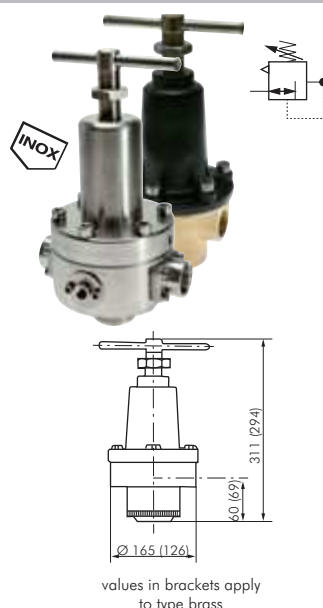


Pressure regulators made of stainless steel/brass



Pressure regulators

Kv value up to 5 m³/h, to 6500 l/min¹⁾

Flow: Kv value 5 m³/h, 6500 l/min¹⁾ (brass: Kv value 4.2 m³/h, 5000 l/min¹⁾)
Version: Resettable (with relieving system), optionally not resettable
Materials: Seal: FKM, diaphragms: NBR (PTFE coated), type brass: Aluminium spring hood, steel spindle
Temperature range: -20°C to max. +80°C
Media: Oiled and unoled compressed air, non-toxic gases with option **-NB**: gases and liquids, demineralised water, with option **-NE**: Aggressive gases (not for piston type regulator), with option **-CO**: CO₂ (only for type brass)
Pressure gauge connection: G 1/4"
Optional: Not resettable version for gases and liquids (NBR diaphragm, PTFE coated) **-NB**, not resettable version for aggressive gases (stainless steel diaphragm) **-NE*****, version for CO₂ (only for type brass) **-CO**, NPT thread **-NPT**

Type AISI 316L	Type brass	Outstanding value!	Thread	Max. input pressure	Pressure regulation range
R 10-1.5 ES	R 10-1.5 MS		G 1"	30 bar	0.1 - 1.5 bar
R 10-3 ES	R 10-3 MS		G 1"	30 bar	0.2 - 3 bar
R 10-8 ES	R 10-8 MS		G 1"	30 bar	0.5 - 8 bar
R 10-15 ES	R 10-15 MS		G 1"	50 bar	1 - 15 bar
R 10-30 ES*	R 10-30 MS**		G 1"	50 bar	2 - 30 bar
R 10-50 ES*	R 10-50 MS**		G 1"	50 bar	3 - 50 bar

Mount. bracket
WH 10 ES
WH 10 ES
WH 10 ES
WH 10 ES
WH 10 ES
WH 10 ES

Replacement diaphragm (not for piston type regulator)

MEMB R10ES*	MEMB R10MS*	Diaphragm made of NBR/PTFE, resettable, for standard regulating option
MEMB R10ES-NB*	MEMB R10MS-NB*	Diaphragm made of NBR/PTFE, not resettable, for regulating option -NB
MEMB R10ES-NE	---	Diaphragms made of stainless steel, not resettable, for regulating option -NE

* changing the NBR/PTFE diaphragms between resettable and not resettable is possible. ** piston type regulator, *** only for type AISI 316L

Order example: R 10-1.5 ES **

Standard type

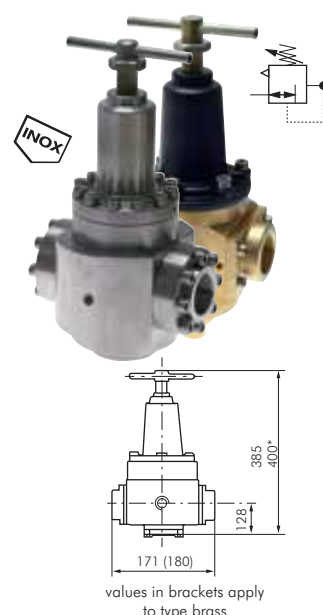
Designation for the options:

- Version not resettable
- For gases and liquids **-NB**
- For aggressive gases (not for piston type regulator) . . . **-NE*****
- For CO₂ (only type brass) **-CO**
- NPT thread **-NPT**



Order accessories at the same time!

Suitable pressure gauges can be found on page 372.



Pressure regulators

Kv value up to 12.6 m³/h, to 15000 l/min¹⁾

Flow: Kv value 12.6 m³/h, 15000 l/min¹⁾ (brass: Kv value 9.6 m³/h, 13000 l/min¹⁾)
Version: Resettable (with relieving system), optionally not resettable
Materials: Seal: FKM, type brass: Aluminium spring hood, steel spindle
Temperature range: -20°C to max. +80°C
Media: Oiled and unoled compressed air, non-toxic gases (with option **-NB**: gases and liquids, demineralised water), with option **-CO**: CO₂ (only for type brass)
Pressure gauge connection: G 1/4"
Optional: Not resettable version for gases and liquids **-NB**, version for CO₂ (only for type brass) **-CO**, NPT thread **-NPT**

Type AISI 316L	Type brass	Outstanding value!	Thread	Max. input pressure	Pressure regulation range
R 112-1.5 ES	R 112-1.5 MS		G 1 1/2"	30 bar	0.1 - 1.5 bar
R 112-3 ES	R 112-3 MS		G 1 1/2"	30 bar	0.2 - 3 bar
R 112-8 ES	R 112-8 MS		G 1 1/2"	30 bar	0.5 - 8 bar
R 112-15 ES*	R 112-15 MS		G 1 1/2"	50 bar	1 - 15 bar
R 112-30 ES*	R 112-30 MS		G 1 1/2"	50 bar	2 - 30 bar
R 112-50 ES*	R 112-50 MS		G 1 1/2"	50 bar	3 - 50 bar

Mount. bracket
WH 10 ES
WH 10 ES
WH 10 ES
WH 10 ES
WH 10 ES
WH 10 ES

*400 mm high

Order example: R 112-1.5 ES **

Standard type

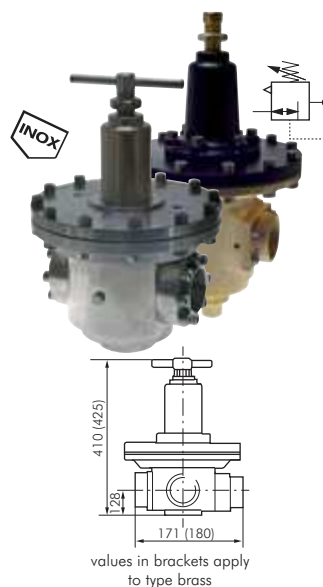
Designation for the options:

- Not resettable version for gases and liquids **-NB**
- For CO₂ (only type brass) **-CO**
- NPT thread **-NPT**



Order accessories at the same time!

Suitable pressure gauges can be found on page 372.



Pressure regulators

Kv value up to 21 m³/h, to 25000 l/min¹⁾

Flow: Kv value 21 m³/h, 25000 l/min¹⁾ (brass: Kv value 13.2 m³/h, 17000 l/min¹⁾)
Version: Not resettable (without relieving system)
Materials: Seal: FKM, type brass: Aluminium spring hood, steel spindle
Temperature range: -20°C to max. +80°C
Input pressure: Max. 30 bar
Media: Oiled and unoled compressed air, aggressive and other gases, liquids, demineralised water, with option **-CO**: CO₂ (only for type brass)
Pressure gauge connection: G 1/4"
Optional: Version for CO₂ (only for type brass) **-CO**, NPT thread **-NPT**

Type AISI 316L	Type brass	Outstanding value!	Thread	Pressure regulation range
R 20-1.5 ES	R 20-1.5 MS		G 2"	0.1 - 1.5 bar
R 20-6 ES	R 20-6 MS		G 2"	0.5 - 6 bar
R 20-15 ES	R 20-15 MS		G 2"	1.0 - 15 bar

Order example: R 20-1.5 ES **

Standard type

Designation for the options:

- For CO₂ (only type brass) **-CO**
- NPT thread **-NPT**



Order accessories at the same time!

Suitable pressure gauges can be found on page 372.

¹⁾ at 8 bar input pressure, 6 bar output pressure and 1 bar pressure drop

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.