

TYPE-6 PRESSURE-REDUCING VALVE

Pressure-reducing valve is used for reducing the pressure of gas stored in gas cylinders or gas networks to acceptable pressure. Besides its excellent functioning and easy setting, it is distinguished by its maximum gas flow, robust (professional-industrial) production, high operational reliability.



- TYPE-6 pressure-reducing valves are suitable for all technical gases
- inlet pressure up to 300 bar,
- universal output for Ø6 mm and Ø8 tube or threaded output R 3/8" (R 3/8"L for combustible gases),
- inlet filter ensures high operational reliability and long service life,
- double protection against higher than acceptable outlet pressure,
- ergonomic and simplified setting of desired pressure flow.

TYPE-6 pressure-reducing valve conforms to the norms:

- SIST EN ISO 2503 "Gas welding equipment — Pressure regulators for gas cylinders used in welding, cutting and related processes up to 300 bar (ISO 2503:1998)"
- SIST EN ISO 13918 "Gas welding equipment — Pressure regulators with flow-metering devices for gas cylinders used in welding, cutting and related processes — Classification, specification and testing"

TYPE-6 pressure-reducing valve for inlet pressure up to 200 bar

Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-K-200	K-6/200	oxygen	10 bar	W 21.8x1/14"



Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-A-25	A-6/25	acetylene	1.5 bar	strap



Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-I-200	I-6/200	argon, CO ₂ , compressed air, helium	10 bar	W 21.8x1/14"



Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-N-200	N-6/200	nitrogen	10 bar	W 24.33x1/14"



Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-G-200	G-6/200	hydrogen, methane, forming gas	10 bar	W 21.8x1/14" L



Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-PB-25	PB-6/25	propane- butane	4 bar	W 21.8x1/14" L



TYPE-6 pressure-reducing valve for inlet pressure up to 200 bar

Code	Type	Gas	Max. outlet flow	Inlet connection
1600-P-200M	P-6/200M	argon, CO ₂ , compressed air, helium	30 l/min	W 21.8x1/14"



Code	Type	Gas	Max. outlet flow	Inlet connection
1600-P-200P	P-6/200P	argon, CO ₂ , compressed air, helium	instrument for measuring flow 25 l/min	W 21.8x1/14"



Code	Type	Gas	Max. outlet flow	Inlet connection
1600-P-200P2	P-6/200P2	argon, CO ₂ , compressed air, helium	2x instrument for measuring flow 25 l/min	W 21.8x1/14"



Code	Type	Gas	Max. outlet flow	Inlet connection
1600-F-200P	F-6/200P	forming gas	instrument for measuring flow 50 l/min	W 21.8x1/14"



The pressure-reducing valve with a floater flowmeter is available with a scale from 0—5 l/min, 1—10 l/min, 5—25 l/min, 5—50 l/min or a custom made scale.

TYPE-6 pressure-reducing valve for inlet pressure up to 300 bar

Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-K-300	K-6/300	oxygen	10 bar	W 21.8x1/14"



Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-I-300	I-6/300	argon, CO ₂ , compressed air, helium	10 bar	W 21.8x1/14"



Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-N-300	N-6/300	nitrogen	10 bar	W 24.33x1/14"



Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-G-300	G-6/300	hydrogen, methane, forming gas	10 bar	W 21.8x1/14" L



TYPE-6 pressure-reducing valve for inlet pressure up to 300 bar

Code	Type	Gas	Max. outlet flow	Inlet connection
1600-P-300M	P-6/300M	argon, CO ₂ , compressed air, helium	30 l/min	W 21.8x1/14"



Code	Type	Gas	Max. outlet flow	Inlet connection
1600-P-300P	P-6/300P	argon, CO ₂ , compressed air, helium	flow measuring instrument 25 l/min	W 21.8x1/14"



Code	Type	Gas	Max. outlet flow	Inlet connection
1600-P-300P2	P-6/300P2	argon, CO ₂ , compressed air, helium	2x flow measuring instrument 25 l/min	W 21.8x1/14"



Code	Type	Gas	Max. outlet flow	Inlet connection
1600-F-300P	F-6/300P	forming gas	flow measuring instrument 50 l/min	W 21.8x1/14"



The pressure-reducing valve with a floater flowmeter is available with a scale from 0—5 l/min, 1—10 l/min, 5—25 l/min, 5—50 l/min or a custom made scale.

TYPE—6 pressure-reducing valve for low inlet pressure — take-off points

Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-K-40	K-6/40	oxygen	10 bar	W 21.8x1/14"



Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-A-15	A-6/15	acetylene	1.5 bar	W 21.8x1/14" L



Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-I-40	I-6/40	argon, CO₂, compressed air, helium	10 bar	W 21.8x1/14"



Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-N-40	N-6/40	nitrogen	10 bar	W 24.33x1/14"



Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-G-40	G-6/40	hydrogen, methane, forming gas	10 bar	W 21.8x1/14" L



Code	Type	Gas	Max. Outlet pressure	Inlet connection
1600-PB-5	PB-6/5	propane- butane	4 bar	W 21.8x1/14" L



TYPE—6 pressure-reducing valve for low inlet pressure — take-off points

Code	Type	Gas	Max. outlet flow	Inlet connection
1600-P-40M	P-6/40M	argon, CO ₂ , compressed air, helium	30 l/min	W 21.8x1/14"



Code	Type	Gas	Max. outlet flow	Inlet connection
1600-P-40P	P-6/40P	argon, CO ₂ , compressed air, helium	instrument for measuring flow 25 l/min	W 21.8x1/14"



Code	Type	Gas	Max. outlet flow	Inlet connection
1600-P-40P2	P-6/40P2	argon, CO ₂ , compressed air, helium	2x instrument for measuring flow 25 l/min	W 21.8x1/14"



Code	Type	Gas	Max. outlet flow	Inlet connection
1600-F-40P	F-6/40P	forming gas	instrument for measuring flow 50 l/min	W 21.8x1/14"



Pressure-reducing valve with flow measuring device can be manufactured with 0—5 l/min, 1—10 l/min, 5—25 l/min, 5—50 l/min or a custom made scale.

Take-off points (example)



Note

We Apologize for possible typographical errors. The manufacturer reserves the right to make modifications without previous notice.

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