



Strojírenský zkušební ústav, s.p.
(Engineering Test Institute, Public Enterprise),
Product Certification Body
Hudcova 424/56b, 621 00 Brno, Czech Republic

CERTIFICATE

B-30-00353-17

Manufacturer: GMR GAS s.r.o.
Kopečná 241/20, 602 00 Brno, Czech Republic
Company ID No: 28274318
Products: Gas pressure regulators
Type designation: RP-6, RP-6X, RP-10, RP-10X
Versions: see Page 2
Manufacturing plant: GMR GAS s.r.o.
Husova 691, 539 76 Skuteč, Czech Republic

These products have been certified within the meaning of Section 10 of Act 22/1997 Coll., on technical requirements for products and on amendment to certain Acts, as amended. The Engineering Test Institute, Public Enterprise, hereby certifies that the characteristics of the samples of the said products have been found conforming to the requirements stated in

Technical Construction Certificate STO-30-00305-17 of 2017-03-14.

Fulfilment of these requirements is considered to be fulfilment of the essential requirements of Government Regulation 163/2002 Coll., as amended by Government Regulation 312/2005 Coll. and Government Regulation 215/2016 Coll.

This Certificate has been issued on the basis of Final Report on Initial Product Type Testing 30-13434 of 2017-03-31, issued by the Engineering Test Institute, Public Enterprise. The period of validity of the Certificate is limited by the validity of the Final Report on Initial Product Type Testing, i.e. valid until 2020-03-31.

Certification scheme applied: Government Regulation 163/2002 Coll., Section 7.

The rules for using the Certificate are specified on Page 2.

Brno, 2017-03-31




Ing. Aleš Onderek
Deputy Director

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Engineering Test Institute, public enterprise, Hudcova 424/56b, 621 00 Brno, Czech Republic

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Specification of the products:

Operating fluid	Natural gas			
Application of the products in construction	RP-6, RP-6X, RP-10, RP-10X types of gas pressure regulators are devices designed to regulate the inlet pressure of natural gas in the gas supply system. The installation must be carried out in accordance with the provisions of ČSN EN 12279:2001.			
Type designation	RP-6	RP-6X	RP-10	RP-10X
Inlet pressure [MPa]	0.1 to 0.4	0.02 to 0.4	0.1 to 0.4	0.02 to 0.4
Outlet pressure [kPa]	2	2 to 5	2	2 to 5
Closing pressure [kPa]	< 2.6	<1.3 p _r	< 2.6	<1.3 p _r
Safety relief valve pressure [kPa]	2.9 to 3.5	1.5 p _r ± 0.3	2.9 to 3.5	1.5 p _r ± 0.3
Safety pressure [kPa] p _{b max}	3.6 to 5	4.5 to 10	3.6 to 5	4.5 to 10
Safety pressure [kPa] p _{b min}	0.5 to 1.5	>0.5	0.5 to 1.5	>0.5
Maximum/minimum flow rate [m ³ /h]	16/6	16/3	25/10	25/4.5
Class of lock-up pressure zone	SZ 10			
Accuracy class	AC 15			
Ambient temperature	- 20 °C to + 50 °C			
Body design	direct			
Connection – Inlet – Outlet	female thread R _p ½, R _p ¾ female thread R _p ¾, R _p 1			
Material – Valve body – Regulator cap, safety valve – Regulator body – Nozzle – Regulation plug sealing – Diaphragm – regulation; safety valve	42 2420 42 4331.03 42 4331.03 42 3223.31 rubber ZGS KO 100/1 ZGS KO -713			

RULES FOR USING THE CERTIFICATE:

Compliance with the essential requirements of Government Regulation 163/2002 Coll., as amended, has been derived from fulfilment of the requirements set out in the Technical Construction Certificate. The facts and the conditions, under which the present Certificate has been issued, may change due to amendments of harmonized or determined standards, issuance of new standards applicable to the certified products or due to expiration of the Technical Construction Certificate validity. In that case, the usability of the Certificate for the purposes of issuing declarations of conformity for the products being placed on the market must be reviewed.

This Certificate may only be used as a certificate for the products specified on Pages 1 and 2. This also applies to its use in advertising, promotional and commercial materials. Unauthorised or deceptive use of the Certificate may be sanctioned (Section 19 of Act 22/1997 Coll., on technical requirements for products and on the amendment to certain Acts, as amended).

It is prohibited to change, amend or overwrite the data contained in the Certificate.

The Certificate may not be used for the products changed without the consent of the Engineering Test Institute, Public Enterprise, in such a way that conformity with the technical requirements specified on Page 1 has been affected.

