



REGULATORS

- Temperature regulators
- Pressure regulators
- Excess pressure regulators



Series

DR 7521

DR 7541

Pressure reducing regulators for controlling the down-stream pressure p_2 applicable for liquids, steam and gases up to 350 °C. The regulator closes when the downstream pressure rises.

- Self-operated proportional regulator without auxiliary energy
- Globe valve with flanges single seat unbalanced / single seat balanced
- Reduced Kvs-values are standard
- Set points from 0.05 bar ... 15 bar
- External control connection
- Actuators + springs are easy to exchange

Technical data

Nominal diameter	DN 15 ... 100
Nominal pressure	PN 16 ... 40
Body material	GP240GH 1.4408
Flanges	According to DIN 2501; EN 1092-1 and EN 1092-2 Different flanges on request
Trim variations	Contoured plug (linear) Perforated plug (linear) Plug + Stem 1.4404 Seat 1.4542 Stellited seat Stellited plug Hardened perforated plug
Seat leakage	According to DIN EN 1349, Class IV Class VI according to DIN EN 1349 soft seat with PTFE-graphite (max. +150 °C)
Approvals	ATEX GOST DGRL
Options	Plug with PTFE Soft seat max. 150 °C Regulator body with threaded connections Regulator free of non-ferrous metals Free of oil and grease for oxygen



Data sheet under <http://www.rtk.de/en/produkte0/selbstttigeregler0/pressure-regulators.html>



DR 7537

Series

DR 7537

Pressure reducing regulators for controlling the down-stream pressure p_2 applicable for liquids and gases up to 150 °C. The regulator closes when the downstream pressure rises.

- Self-operated proportional regulator without auxiliary energy
- Globe valve with flanges
single seat balanced
- Reduced Kvs-values are standard
- Set points from 0.06 bar ... 15 bar
- Internal control connection
- Simple installation

Technical data

Nominal diameter	DN 20 ... 100
Nominal pressure	PN 16 ... 40
Body materials	GP240GH 1.4408
Flanges	According to DIN 2501; EN 1092-1 Different flanges on request
Trim variations	Stellited contoured plug (linear) Plug + Stem 1.4404 Seat 1.4542 Stellited seat Stellited plug
Seat leakage	According to DIN EN 1349, Class IV Class VI according to DIN EN 1349 soft seat with PTFE-graphite (max. +150 °C)
Approvals	ATEX GOST DGRL
Options	Regulator body with threaded connections Regulator free of non-ferrous metals Free of oil and grease for oxygen External control connection



Data sheet under <http://www.rtk.de/en/produkte0/selbstttigeregler0/pressure-regulators.html>



Series

DR 7621

DR 7641

Excess pressure regulators for controlling the up-stream pressure p_1 , applicable for liquids, steam and gases up to 350 °C. The regulator opens when the upstream pressure rises.

- Self-operated proportional regulator without auxiliary energy
- Globe valve with flanges
single seat unbalanced / balanced
- Reduced Kvs-values are standard
- Set points from 0.05 bar ... 14 bar
- External control connection
- Actuators + springs are easy to exchange

Technical data

Nominal diameter	DN 25 ... 100
Nominal pressure	PN 16 ... 40
Body materials	GP240GH 1.4408
Flanges	According to DIN 2501; EN 1092-1 Different flanges on request
Trim variations	Stellited contoured plug (linear) Hardened perforated plug (linear) Plug + Stem 1.4404 Seat 1.4542 Stellited seat Stellited plug Hardened perforated plug
Seat leakage	According to DIN EN 1349, Class IV Class VI according to DIN EN 1349 soft seat with PTFE-graphite (max. +150 °C)
Approvals	ATEX GOST DGRL
Options	Plug with PTFE Soft seat max. 150 °C Regulator body with threaded connections Regulator free of non-ferrous metals Free of oil and grease for oxygen



Data sheet under <http://www.rtk.de/en/produkte0/selbstttigeregler0/pressure-regulators.html>



DR 7637

Series

DR 7637

Excess pressure regulators for controlling the upstream pressure p_1 , applicable for liquids and gases up to 150 °C. The regulator opens when the upstream pressure rises.

- Self-operated proportional regulator without auxiliary energy
- Globe valve with flanges single seat balanced
- Reduced Kvs-values are standard
- Set points from 0.06 bar ... 15 bar
- Internal control connection
- Simple installation

Technical data

Nominal diameter	DN 20 ... 100	
Nominal pressure	PN 16 ... 40	
Body material	GP240GH 1.4408	
Flanges	According to DIN 2501; EN 1092-1 Different flanges on request	
Trim variations	Contoured plug	(linear)
	Perforated plug	(linear)
	Plug + Stem 1.4404	
	Seat 1.4542	
	Stellited seat	
	Stellited plug	
	Hardened perforated plug	
Seat leakage	According to DIN EN 1349, Class IV Class VI according to DIN EN 1349 soft seat with PTFE-graphite (max. +150 °C)	
Approvals	ATEX GOST DGRL	
Options	Regulator body with threaded connections Regulator free of non-ferrous metals Free of oil and grease for oxygen External control connection	



Data sheet under <http://www.rtk.de/en/produkte0/selbstttigeregler0/pressure-regulators.html>