PRESSURE REGULATORS

VARIMEX VALVES
CO. LTD.

VARIMEX - VALVES

INDEX OF PRESSURE REGULATING VALVES

ITEM	DESCRIPTION	PN	DN	FIGURE
	PRESSURE REGULATORS			
01.	PRESSURE REGULATOR	40	65-200	RCP-1
02.	PRESSURE REGULATOR	40	15-50	RCP-3
03.	PRESSURE REGULATOR	40	65-200	RCP-8

Designed to maintain constant pressure downstream the valve regardless of fluctuation of supply pressure Regulators are used in pipe networks for steam, air and inflammable gases in order to prevent the installation against excess pressure increase.
Body material: cast carbon steel.
Max. fluid pressure: 25 bar.

ITEM	DESCRIPTION	PN	DN	FIGURE
04.	PRESSURE REGULATOR	16-40	15-200	RC-5
05.	PRESSURE REGULATOR	16-40	15-200	RC-5-2
06.	PRESSURE REGULATOR	40	15-200	RC-5-2T

Designed to maintain constant pressure upstream the valve. Regulators are used in pipe networks for steam, air and other gases.
Body material: cast carbon steel (and st.steel).
Max. fluid pressure: 25-40 bar.

ITEM	DESCRIPTION	PN	DN	FIGURE
07.	PRESSURE REGULATOR	16	15-200	RCW-2
08.	PRESSURE REGULATOR	16	15-200	RCW-3

Designed to maintain set-up, constant pressure in process installations, which are connected to regulator`s valve outlet, regardless of fluctuation of supply pressure. Regulators are used in water pipe networks and heating systems in order to prevent the installation against 3excess pressure increase.
Body material: cast iron.
Max. fluid pressure: 16 bar.

ITEM	DESCRIPTION	PN	DN	FIGURE
09.	DIFFERENTIAL PRESSURE REGULATOR			RRC-2
10.	DIFFERENTIAL PRESSURE REGULATOR			RRC-3

Designed to maintain set-up, constant pressure difference in process installations, which are connected in series to regulator`s valve outlet. Regulators are adjusted to steam, liquids and

ITEM	DESCRIPTION	PN	DN	FIGURE

inflammable gases.
Body material: cast carbon steel.
Max. fluid pressure: 25 bar.

11.	**BOILER BLOWDOWN VALVE**	63-100	20-50	ODM-2

Designed for blowing down steam boilers and waste- heat boilers. Thanks to the pneumatic actuation, the valves are suitable for supervision-free or controlled supervision service in installations with automatically controlled boiler blow-down process.
Body material: carbon steel

12.	**SHUT-OFF VALVE**	16—40	20-32	ZO

Designed to shut-off or divert a flow of steam, liquids and inflammable gases.
Body material: cast iron, ductile iron, carbon steel.

Versions:
- normally closed
- normally open
- 3-way diverting valve

PRESSURE REGULATORS

APPLICATION

Type	Working principle	Applied in
RCP-3 RCP-8	Regulator keeps constant pressure downstream the valve in the system. It is applied for steam, cold and hot water, air and non-flammable gases.	- Food industry (meat, fruit & vegetable) - Diaries - Sugar plants - Power & heating plants - Wood industry - Chemical & petrochemical plants - Industrial installations of air and technical gases in production plants
RCW-2 RCW-3 RCU-2 RCU-3	Regulator keeps constant pressure in the system downstream the valve. It is applied in water installations.	- Water pipe systems - Heating plants - Wood industry - Central heating systems
RC-5 RC-5-2	Regulator keeps constant pressure upstream the valve. It is applied for steam, hot water, air and gases. (version RC-5-2 – for media up to 120*C max)	- Food industry (meat, fruit & vegetable) - Diaries - Sugar plants - Power & heating plants - Wood industry - Chemical & petrochemical plants - Industrial installations of air and technical gases in production plants
RC-5-2M	For aggressive media	- Petrochemical industry - Chemical industry
RRC-1 RRC-2 RRC-3 RRC-4 RRC-5.1 RRC-5.2	Regulators maintain set-up, constant pressure difference in process installations. Applied for cold and hot water, air steam and other non-flammable gases.	- Thermal plants - Mining industry
ZO (shut-off valve)	The valve designed to shut-off or divert a flow of steam or other non-flammable gases.	- Tire manufacturers
ODM-1.2 (boiler blow-down valve)	Valve is applied for blowing down steam boilers and waste- heat boilers.	- Boilers in thermal plants