

# INTAKE VALVE

## RB60 - RB80 - RB90 - RB115 - RB140 - RB200



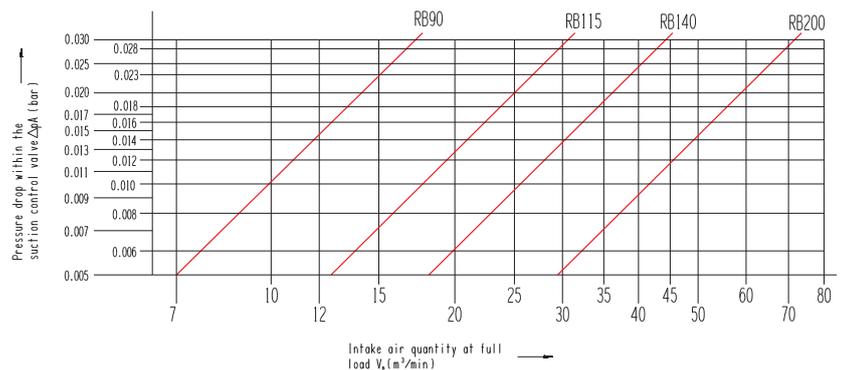
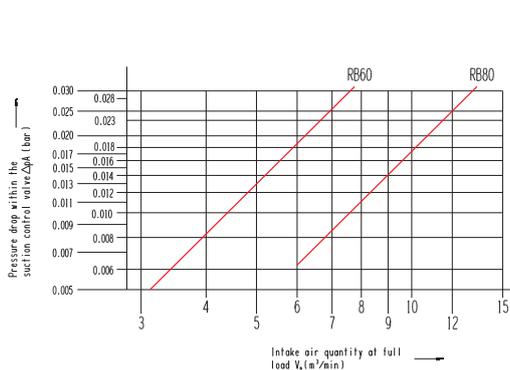
**APPLICATION:** Installed at the compressor inlet to control compressor capacity. During normal operation the valve open and close in response to a control signal to meet the air demand. Stepless or two point capacity controls are available. At the shut-down a check valve stays closed to prevent back flow through the compressor also if the air flow is interrupted. Many solutions are available for stationary or mobile compressors.

**INSTALLATION:** At the suction flange of the air-end, either directly or by flange adapt or, depending on the type of air-end. The valve must be connect to the signal pressure and solenoid valve.

**REPLACEMENT:** The stress on valve parts depends on compressor application and operating parameters. Inspect the valve and replace, using VMC spare parts kit, after 8.000 operating hours.

### TECHNICAL DATA

Size		RB60	RB80	RB90	RB115	RB140	RB200
Rate Flow fully open	m <sup>3</sup> /1'	See diagram					
Nominal Diameter	mm	ø60	ø80	ø90	ø115	ø140	2 x ø140
Working Pressure		up to 16Bar					
Type		RB...NR for Non-return control RB...E for On/Off start-up system with suction control valve closed RB...P for Stepless control with suction control valve closed RB...PM for Mobile compressor with suction control valve open					
Adjustment		Adjustable control device to unload vessel through inlet manifold during idling					
Solevalve Voltage		24V, 110V or 230V					
Materials		Housing in aluminium alloy. Internal parts in aluminium alloy anodized, viton sealings, and brass					
Weight	Kg	2,2	3	6,5	10	12,3	25,3



# INTAKE VALVE

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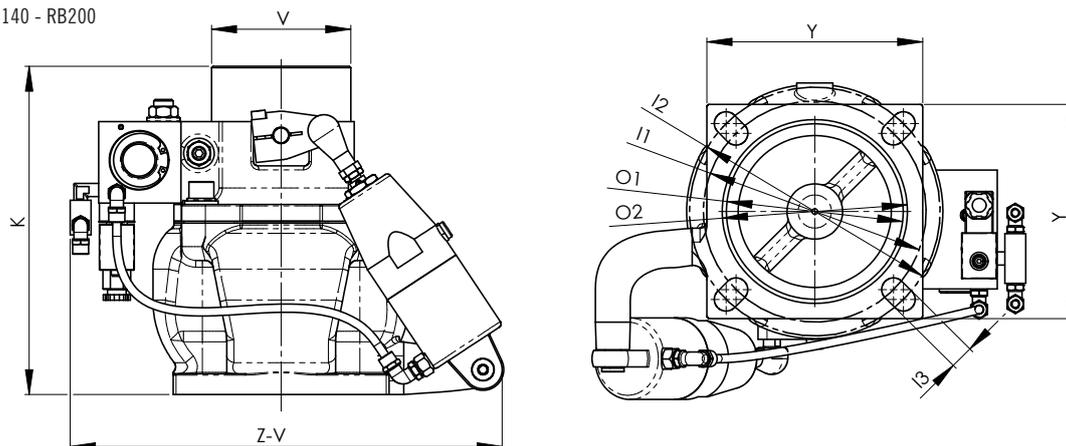


### DIMENSION DETAILS

Size		RB60R	RB60T	RB80	RB90	RB115	RB140	RB200
Bolt holes	Nr.	4	4	4	4	8	12	12
Y	mm	125	135	155	155	ø255	ø340	ø460
Z-V	mm	177	177	201	310	300	351	500
K	mm	197	197	230	238	308	321	350
V	mm	ø70	ø70	ø100	ø100	ø150	ø150	2 x ø150
I1	mm	ø110	ø129	ø180	ø160	ø225	ø295	ø410
I2	mm	ø135	ø150	ø160	ø180	-	-	-
I3	mm	12,5	12,5	ø17	ø17	ø17	ø21	ø25
O1	mm	ø86	ø107	ø127	ø127	ø195	ø248	ø329,5
O2	mm	ø92	ø113	ø133	ø133	ø203	ø259	ø341,5

**Attention:** The drawing below is not appropriated to all models. Look at in our website all specific draws.

RB90 - RB115 - RB140 - RB200



RB60 - RB80

