

Flowmeters with Threaded Connections III.

Owing to its simple construction the **RB** type is a cheap clamping apparatus. It serves as a threaded joint for floating body flowmeters operating principally in a humble environment being protected to a certain extent. The graduated glass tube is not protected against the environmental impacts, therefore it is recommended to a usage where the protection against mechanical damages is ensured by some other means. The threaded joints have been selected by us from among the hard PVC joints widely used in water treatment and chemical industries and that are produced in diverse dimensions. The joints can be furnished with standard accessories (e.g. hose connection) or are supplied by us as accessories. The rotary meters are marketed with prefabricated graduated tubes designed to be used in water, therefore they can be used in other media only with the application of a conversion table. The clamping apparatuses cannot be mounted with any sensors.

Measurable media (except for water and air):

Most of the gases, light organic and non-organic acids, concentrated salt solutions, organic liquids etc., against which the stainless steel (1.4301, 1.4404 floating body) or PVC are resistant. **In case the aggressiveness of the media inhibits the use of stainless steel max. values of the measuring ranges might drop for liquids!**

Max. pressure: 6 bar

Max temperature: 65°C

Minimum pressure demand:

Depending on the measuring range

for liquid: 0,05...1 bar

for gases: 0,01...0,2 bar



típus	Max. measurable flow		Built-in size	connection (male thread)
	20°C water	20°C air 1,013 bar		
RB-100	10-100 l/h	~0,32-3,2 m ³ /h	350	G" 1/2
RB-160	16-160 l/h	~0,5-5 m ³ /h		
RB-250	25-250 l/h	~0,8-8 m ³ /h	360	G" 3/4
RB-400	40-400 l/h	~1,3-13 m ³ /h		
RB-630	60-630 l/h	~2-20 m ³ /h	370	G" 1
RB-1000	100-1 000 l/h	~3,2-32 m ³ /h	390	G" 5/4

The graduated tubes are calibrated to 20°C water, and are produced in the measurement range indicated in the table.