



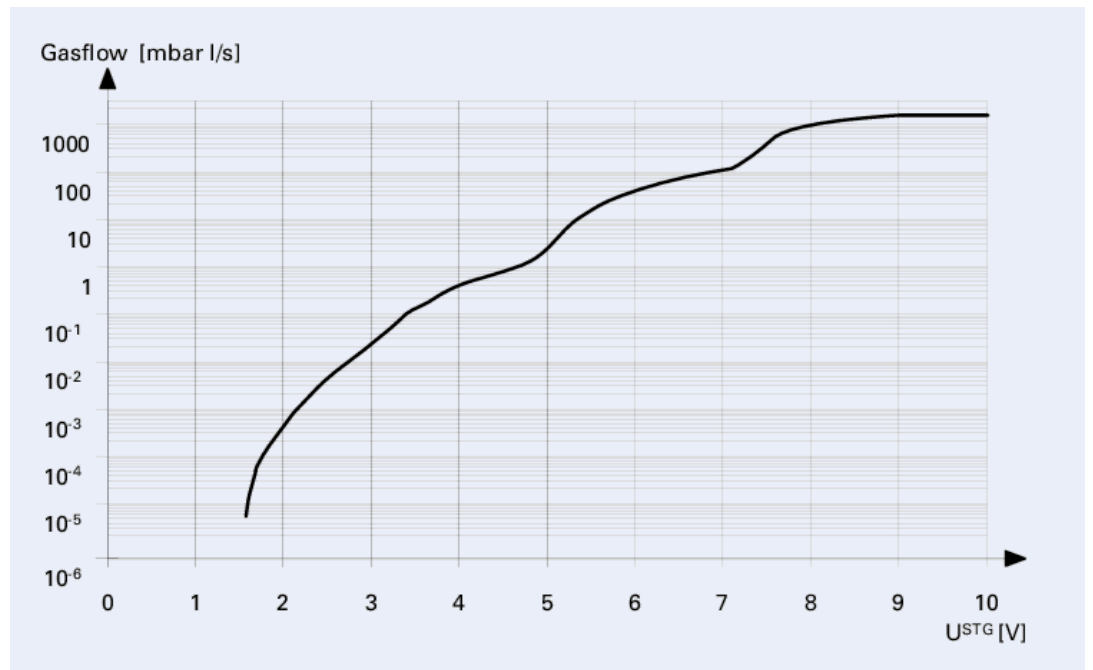
# EVR 116, Gas regulating valve, motorized



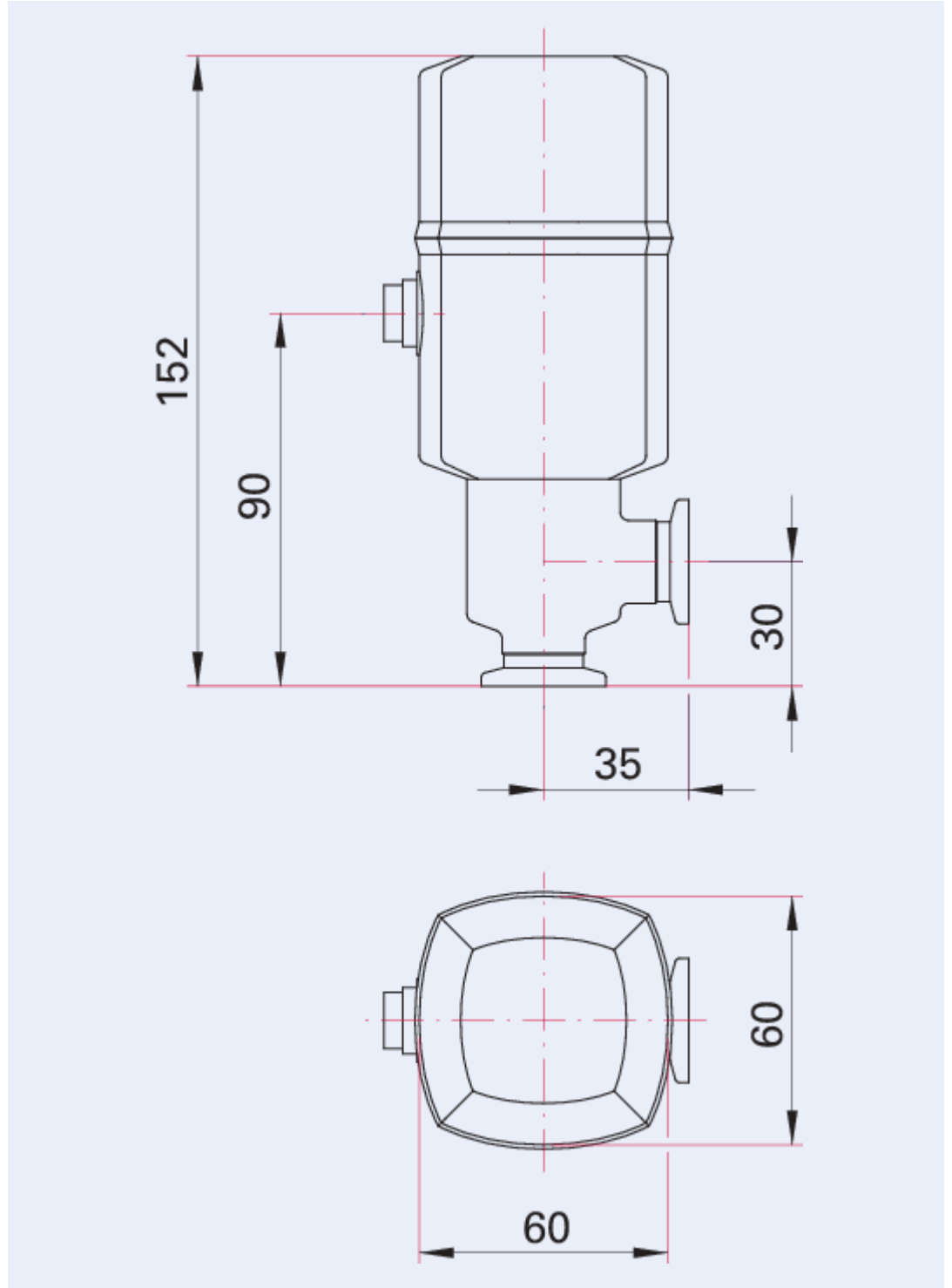
## EVR 116, Gas regulating valve, motorized

- High gas throughput
- Very broad regulating range
- With integrated motor control electronics

## Characteristics



## Dimensions



Technical Data	EVR 116, Gas regulating valve, motorized
Bakeout temperature: actuator	60 °C
Gas flow min. controllable	$5 \cdot 10^{-6}$ hPa·l/s
Gas flow max. controllable	$1.25 \cdot 10^3$ hPa·l/s
Supply: Power consumption max.	12 W
Control voltage	0 – 10 V DC
Seal	FKM
Ambient temperature, max.	40 °C
Ambient temperature, min.	5 °C
Print catalog	True
Bakeout temperature: housing	80 °C
Type	Gas regulating valve
Ambient temperature	5 – 40 °C
Housing/needle/filter	Stainless steel
Dosing sleeve	Fluorplastomer
Control	RVC 300 or IF 200
Operating voltage: DC	24 V
Tightness	$1 \cdot 10^{-10}$ Pa m <sup>3</sup> /s   $1.33 \cdot 10^{-8}$ Torr l/s   $1 \cdot 10^{-8}$ mbar l/s
Ambient temperature, max.	40 °C   104 K   -233.15 °F
Supply: consumption max.	12 W
Bakeout temperature: actuator	60 °C   140 K   -213.15 °F
Min. controllable gas flow	$5 \cdot 10^{-6}$ hPa·l/s
Max. controllable gas flow	$1.25 \cdot 10^3$ hPa·l/s
Operating pressure min.	$1 \cdot 10^{-8}$ hPa   $7.5 \cdot 10^{-9}$ Torr   $1 \cdot 10^{-8}$ mbar
Pressure max. (absolute)	2,500 hPa   1,875 Torr   2,500 mbar
Ambient temperature, min.	5 °C   41 K   -268.15 °F
Bakeout temperature: housing	80 °C   176 K   -193.2 °F
Weight	0.75 kg   1.65 lb
Pressure (for Facett-Filter) max.	$2.5 \cdot 10^3$ hPa   $1.875 \cdot 10^3$ Torr   $2.5 \cdot 10^3$ mbar
Pressure (for Facett-Filter) min.	$1 \cdot 10^{-8}$ hPa   $7.5 \cdot 10^{-9}$ Torr   $1 \cdot 10^{-8}$ mbar
Supply: Voltage V DC	24 V DC
Supply: Voltage V DC max.	24 V DC
Supply: Voltage V DC min.	24 V DC
Operating pressure min.	$1 \cdot 10^{-8}$ hPa
Pressure max. (absolute)	2,500 hPa
Tightness	$1 \cdot 10^{-10}$ Pa m <sup>3</sup> /s
Connection flange	7975

Closing/opening time	3 s/4 s
Weight	0.75 kg
Closing time	3 s
Opening time	4 s

<b>Order number</b>	<b>EVR 116, Gas regulating valve, motorized</b>
<b>EVR 116, Gas regulating valve, motorized</b>	<b>PF I39 931 A</b>

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