



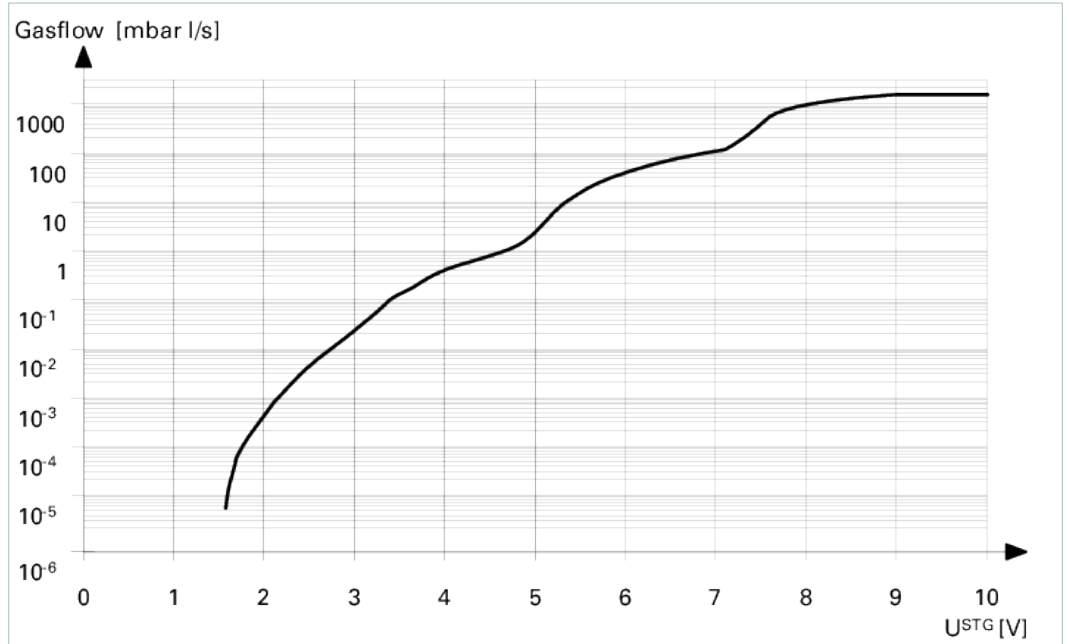
# EVR 116, Gas control valve, motorized

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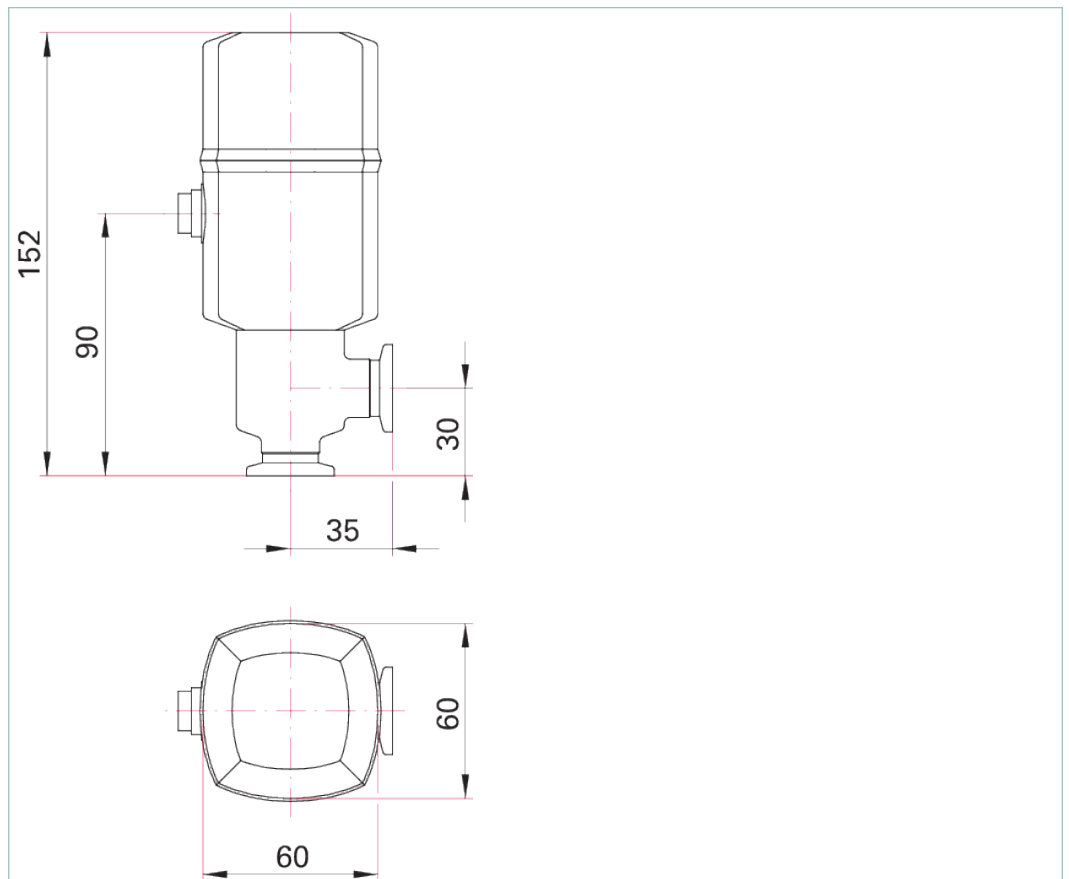


Similar Image

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



### Dimensions



Technical Data	EVR 116, Gas control valve, motorized
Actuator	Motorized
Ambient temperature	5-40 °C   41-104 °F   278-313 K
Bakeout temperature: actuator	60 °C   140 °F   333 K
Bakeout temperature: housing	80 °C   176 °F   353 K
Closing/opening time	3 s/4 s
Control	RVC 300 or IF 200
Control voltage	0 – 10 V DC
Dosing sleeve	Fluoroplastomer
Housing/needle/filter	Stainless steel
Max. controllable gas flow	1.25 · 10 <sup>3</sup> hPa·l/s
Min. controllable gas flow	5 · 10 <sup>-6</sup> hPa·l/s
Nominal diameter	DN 16 ISO-KF
Operating pressure min.	1 · 10 <sup>-8</sup> hPa   7.5 · 10 <sup>-9</sup> Torr   1 · 10 <sup>-8</sup> mbar
Pressure max. (absolute)	2,500 hPa   1,875 Torr   2,500 mbar
Seal	FKM
Supply: consumption max.	12 W
Supply: Voltage V DC	24 V DC
Tightness	1 · 10 <sup>-10</sup> Pa m <sup>3</sup> /s   7.5 · 10 <sup>-10</sup> Torr l/s   1 · 10 <sup>-9</sup> mbar l/s
Type	Gas control valve
Weight	0.75 kg   1.65 lb

Order number	
EVR 116	PF I39 931 A

Accessories	
<b>Cables Connection cables</b>	
RVC-EVR, connection cable, 3 m	PT 583 115-T
RVC-EVR, connection cable, 5 m	PT 583 116-T
RVC-EVR, connection cable, 10 m	PT 583 117-T
RVC-EVR, connection cable, 15 m	PT 583 118-T
RVC-EVR, connection cable, 20 m	PT 583 119-T
<b>Control Devices Interface cards</b>	
IF 200, Interface for EVR 116	PF I00 091

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