



EVN 116, Gas dosing valve with separate isolation valve, manually actuated



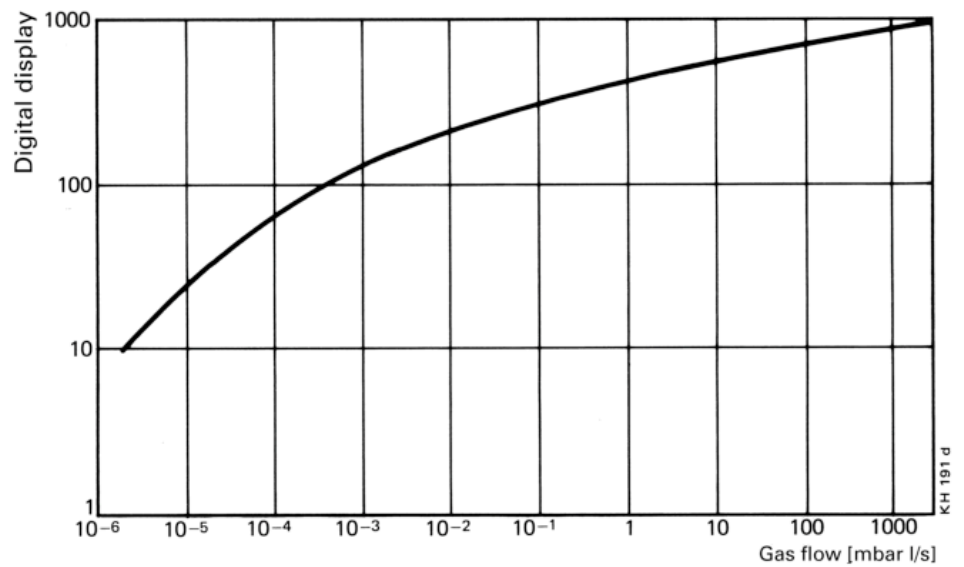
EVN 116



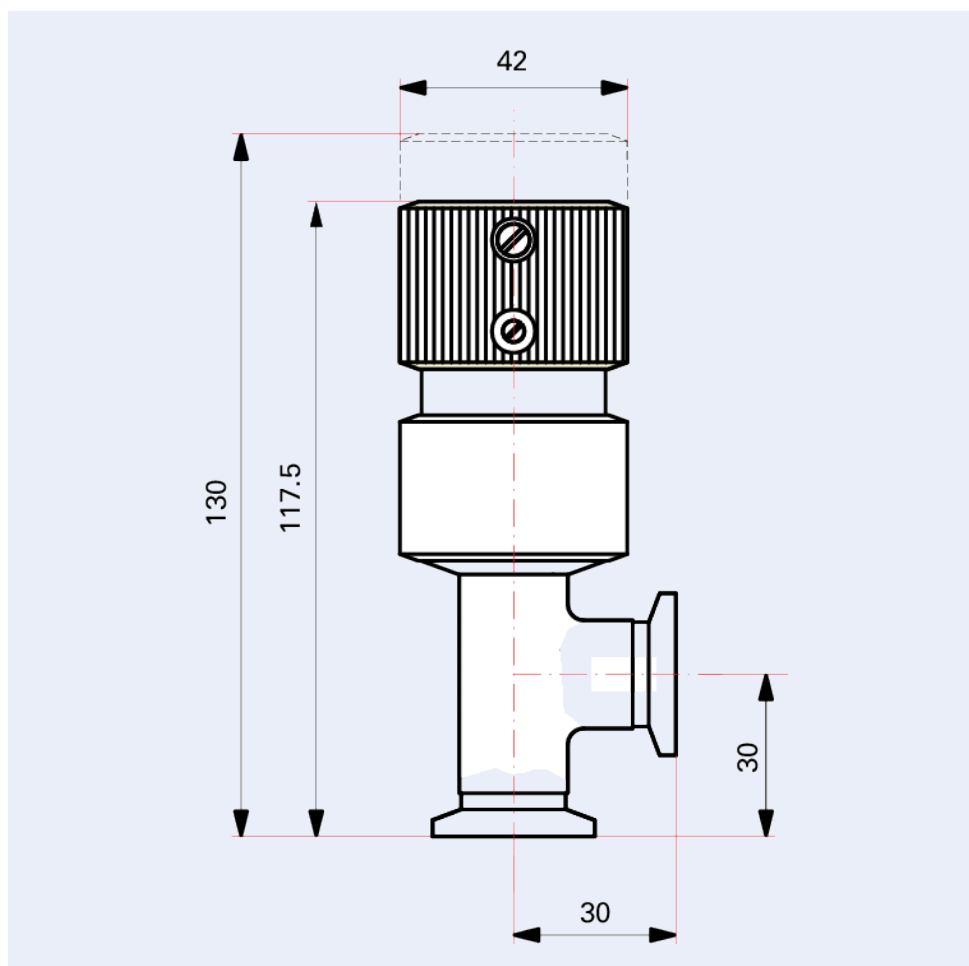
EVN 116, Gas dosing valve with separate isolation valve, manually actuated

- Closable without changing the gas flow setting
- Optimum characteristic
- Digital position display
- Excellent reproducibility
- Extremely small dead volume
- Very large control range

Characteristics



Dimensions



Technical Data	EVN 116, Gas dosing valve with separate isolation valve, manually actuated		
Temperature: Operating, max.	+80 °C		
Gas flow min. controllable	$5 \cdot 10^{-6}$ hPa·l/s		
Gas flow max. controllable	$1 \cdot 10^3$ hPa·l/s		
Seal	FKM		
Type	Gas control valve		
Scope of delivery	With separate shut-off valve		
Operating temperature	≤ 80 °C		
Housing	Stainless steel		
Dosing sleeve	Fluoroplastomer		
Bakeout temperature: flanges	150 °C		
Actuator	Manual		
Tightness	$1 \cdot 10^{-10}$ Pa m ³ /s	$1.33 \cdot 10^{-8}$ Torr l/s	$1 \cdot 10^{-8}$ mbar l/s
Min. controllable gas flow	$5 \cdot 10^{-6}$ hPa·l/s		
Max. controllable gas flow	$1 \cdot 10^3$ hPa·l/s		
Weight	0.4 kg 0.88 lb		
Connection flange	DN 16 ISO-KF		
Weight	0.4 kg		
Dead volume	0.032 cm ³		
Differential pressure	2500 hPa		

Order number	EVN 116, Gas dosing valve with separate isolation valve, manually actuated
EVN 116, Gas dosing valve with separate isolation valve, manually actuated	PF I32 031

Accessories	EVN 116, Gas dosing valve with separate isolation valve, manually actuated
Filter, for EVN 116 / EVR 116, 1250 mbar l/s	PT 420 463 -T

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