

Product data sheet UHV gate valve, Series 108, DN 160 (ID 6'') Ordering No. 10844- PE24

Description

	ISO-F 160
	pneumatic, double acting – with position indicator
	Bellows
– Valve body – Valve seat	< 5 · 10 ⁻¹⁰ mbar ls ⁻¹ < 1 · 10 ⁻⁹ mbar ls ⁻¹
	$1 \cdot 10^{-10}$ mbar to 1.6 bar (abs)
	≤ 1.6 bar
	≤ 30 mbar
	5880 ls ⁻¹
	50 000 (unheated and under clean conditions)
 Valve Body Actuator Position indicator 	≤ 250 °C open / ≤ 200 °C closed (bake-out max. 24h) ≤ 200 °C ≤ 80 °C
	50 °C h ⁻¹
– Valve Body – Mechanism – Bellows	AISI 304 (1.4301) AISI 316L (1.4404), AISI 304 (1.4301) AISI 316L (1.4404, 1.4435)
– Bonnet – Gate – Actuator	metal FKM (Viton [®]), vulcanized FKM (Viton [®]), NBR
	any
	0.14 / 0.0049 ft ³
	4 – 7 bar / 58 – 102 psi
	1⁄8" ISO / NPT
	 Valve seat Valve Body Actuator Position indicator Valve Body Mechanism Bellows Bonnet Gate

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Actuation time	– closing – opening	1.5 s 1.5 s
Weight		19.4 kg / 42.8 lbs
Behavior in case of compressed air pressure drop	– Valve closed – Valve open	valve remains closed undefined
Behavior in case of power failure	Valve closedValve open	depending on customer installation

Position indicator

Туре		
Voltage		
Current max.		

Micro switch ≤ 50 V AC / DC ≤ 1.2 A

2 6 5		OPEN CLOSED	
		Valve/Ven OPEN	til/Vanne CLOSED
	1,2	connected	-
Front view	6,5	-	connected

Wiring diagram

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