

Product data sheet Pendulum valve, Series 162, DN 320 (ID 12'') Ordering No. 16250-PA21-ABR

Description

Flange		ISO-F 320
Actuator		 pneumatic, single acting, with closing spring (NC) with position indicator
Feedthrough		Rotary feedthrough
Option		Actuator position B2
Technical data		
Leak rate	– Valve body – Valve seat	< $1 \cdot 10^{-9}$ mbar ls ⁻¹ < $1 \cdot 10^{-9}$ mbar ls ⁻¹
Pressure range		1 · 10 ⁻⁸ mbar to 1.2 bar (abs)
Differential pressure on the gate		≤ 1.2 bar
Differential pressure at opening		≤ 5 mbar
Conductance (molecular flow)		32 600 ls ⁻¹
Cycles until first service		200 000 (unheated and under clean conditions)
Temperature (Maximum values: depending on operating conditions and sealing materials)	 Valve body Actuator Position indicator 	≤ 120 °C ≤ 80 °C ≤ 80 °C
Heating and cooling rate		\leq 30 °C h ⁻¹
Material	 Valve body, gate, sealing ring 	EN AW-5083 (3.3547), EN AW-6082 (3.2315)
	- Feedthrough	AISI 303 (1.4305), AISI 304 (1.4301)
Seal	– Bonnet – Gate, dynamic – Feedthrough	FKM (Viton [®]) FKM (Viton [®]) FKM (Viton [®])
Mounting position		any
Volume of pneumatic actuator		0.55 l / 0.020 ft ³
Compressed air min. – max. overpressure		5 – 7 bar / 73 – 102 psi
Compressed air connection		M5 (10-32 UNF suitable)

Created by: LOO	Release date: 19.03.2015	1/2
Modified by:	Release date:	791738EA

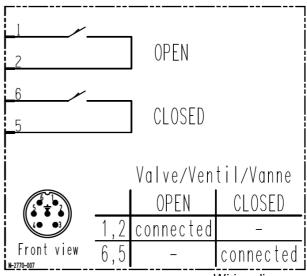


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Actuation time	– closing – opening	5 s 5 s
Weight		56 kg / 123.5 lbs
Behavior in case of compressed air pressure drop	Valve closedValve open	valve remains closed valve closes
Behavior in case of power failure	Valve closedValve open	depending on customer installation depending on customer installation

Position indicator

Туре	Micro switch
Voltage	\leq 50 V AC
Current max.	≤ 1.2 A



Wiring diagram

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