Characteristics to VDI 3290			Pressures quoted as gauge pressure		
Characteristics	Symbol	Unit	Description		
General Features					
System			Poppetvalve		
Mounting			2 screws M4		
Tube connection			Thread		
Portsize			G1/8		
Weight (mass)		kg	0.07		
Installation			In any position		
Ambient temperature range	_{ອງ ໜັກ}	°C ℃	-10 Note: +55 When using below freezin	g	
Medium temperature range	$artheta_{\min}^{artheta_{\min}}$	°C °C	+5* point (°C) it is necessary to +60 consult us	c	
Medium			Filtered and lubricated or filtered and unlubricated air		
Lubrication			None or oil mist lubrication		
Pneumatic Characteristics					
Nominal pressure	P _n	bar	6		
Operating pressure range	p _{min} p _{max}	bar bar	0 10		
Nominal flow	Q _N	l/min	350		
Flow direction			$1 \rightarrow 2$ normally closed $3 \rightarrow 2$ normally open		
Actuation	<u> </u>	·	·		
Mechanical			Direct, cam operated		
Stroke		mm	1.5-3		
Actuating force	F _b	Ν	11		

3/2 Way Valve _{G1/8}

Actuation: Cam operation

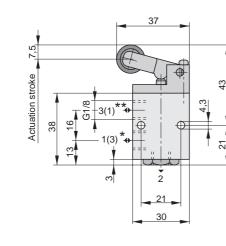
Series K9

K9321RF-1/8



* -10 °C when using dry compressed air

Dimensions (mm)

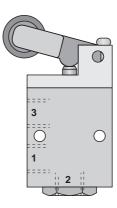


* = P when used as "normally closed" ** = P when used as "normally open"

For product group list see 3.19.001E For data sheets see 3.19.002E-3.19.010E

Order Instruction: K9 321RF-1/8 PA 10272

Non-overlapping poppet valve with low actuating force and short response time. Applicable as normally closed or normally open valve (see drawing).



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20



3/2 Way Valve G1/8

Actuation: Toggle cam operated

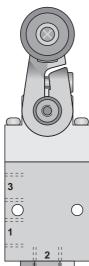
Series K9

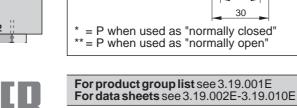
K9324RF-1/8

Characteristics to VDI 3290 Pressures quoted as gauge pressure Symbol Unit Characteristics Description **General Features** System Poppet valve 2 screws M4 Mounting Tube connection Thread Port size G1/8 Weight (mass) 0.12 kg Installation In any position $artheta_{\min}^{artheta_{\min}}$ °C ℃ -10 Ambient Note: temperature range +55 When using below freezing °C ℃ point (°C) it is necessary to consult us $artheta_{\min}^{artheta}$ +5* Medium temperature range +60 Medium Filtered and lubricated or filtered and unlubricated air Lubrication None or oil mist lubrication **Pneumatic Characteristics** Nominal pressure bar 6 p, 0 Operating pressure bar $\boldsymbol{p}_{\text{min}}$ р_{____} 10 range bar 350 Nominal flow Q_N I/min $1 \rightarrow 2$ normally closed $3 \rightarrow 2$ normally open **Flow direction** Actuation Mechanical Direct, toggle cam operated Stroke 1.5-3 mm ±40° Angle of rotation α F. Ν 5 Actuating force * -10 °C when using dry compressed air

Non-overlapping poppet valve with low actuating force and short response time. Applicable as normally closed or normally open valve (see drawing).

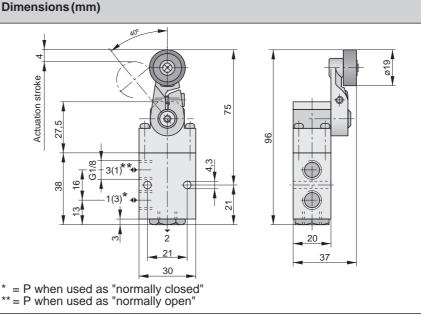
ORIGA





Actuation stroke

Order Instruction: K9 324RF-1/8 PA 10273



Data Sheet No. 3.19.006E

The right to introduce technical modifications is reserved

Characteristics to VDI 3290			Pres	Pressures quoted as gauge pressure	
Characteristics	Symbol Unit		Desc	Description	
General Features	·				
System			Popp	Poppetvalve	
Mounting			2 scr	2 screws M4	
Tube connection			Thre	Thread	
Portsize			G1/8	G1/8	
Weight (mass)		kg	0.12	0.12	
Installation			Inan	In any position	
Ambient temperature range	$ec{\vartheta}_{\max}^{min}$	°C °C	-10 +55	Note: When using below freezing	
Medium temperature range	ϑ _{min} ϑ _{max}	°C °C	+5* +60	point (°C) it is necessary to consult us	
Medium				Filtered and lubricated or filtered and unlubricated air	
Lubrication			None or oil mist lubrication		
Pneumatic Characteri	stics				
Nominal pressure	P _n	bar	6	6	
Operating pressure range	p _{min} p _{max}	bar bar	0 10		
Nominal flow	Q _N	l/min	350	350	
Flow direction				normally closed normally open	
Actuation					
Mechanical				ct operated, free cam left operated, free cam right	
Stroke		mm	1.5-3	}	
Angle of rotation	α		±40°	±40°	
Actuating force	F _b	N	5		

3/2 Way Valve _{G1/8}

Actuation: Cam operated, free cam left Cam operated, free cam right

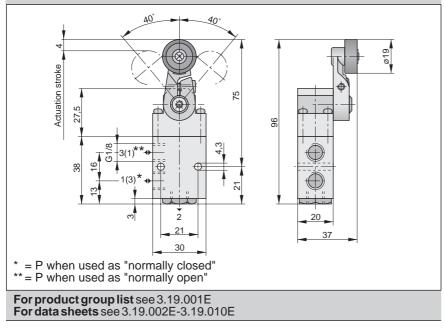
Series K9

K9 325RF-1/8 K9 326RF-1/8

The right to introduce technical modifications is reserved

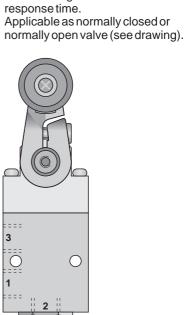
 * -10 $^{\circ}\text{C}$ when using dry compressed air

Dimensions (mm)



Order Instructions: K9 325RF-1/8 PA 10274 (free cam left) K9 326RF-1/8 PA 10275 (free cam right)

Data Sheet No. 3.19.007E



Non-overlapping poppet valve with low actuating force and short

