

# Pneumatic Gripper - Parallel (Side Mount Grip)

## **Double Acting**



KP06MD-M

NITRA Pneumatics grippers are an excellent choice for many automation applications. They are available in both parallel and angular travels in seven different body sizes. Grippers are either double acting, single acting normally closed or single acting normally open. Anodized aluminum bodies include integral mounting slots for position switches.

#### **Features**

- Seven sizes available (6 to 40mm bore)
- Double acting or single acting N.O. or N.C.
- Anodized aluminum bodies
- Position switch ready with integral mounting slots



NITRA Pneumatic Gripper - Parallel (Side Mount Grip) - Double Acting										
Part No.	Description	Style	Action	Size - Bore (mm)	Stroke (mm)	Grip	Body	Port(s)	Price	Weight (lbs)
KP06MD-M	NITRA pneumatic gripper	Parallel	Double acting	6	4	Side mount	Anodized aluminum	M3 x 0.5	\$231.00	0.1
KP10MD-M				10					\$249.00	0.2
KP16MD-M				16	6			M5 x 0.8	\$255.00	0.3
KP20MD-M				20	10				\$362.00	0.5
KP25MD-M				25	14				\$432.00	1.0
KP32MD-M				32	22				\$652.00	1.9
KP40MD-M				40	30				\$746.00	3.1

NITRA Pneumatic Gripper Specifications					
	Fluid	Air (clean/dry)			
Pressure Range	6mm, 10mm	29 to 101 psig (1.99 to 6.96 bar)			
	16mm to 40mm	22 to 101 psig (1.52 to 6.96 bar)			
Proof	Pressure	175 psig			
Tempera	ature Range	-4°F to 160°F (-20°C to 60°C)			
Lub	rication	Not required			
Repeatability	6mm to 25mm	± 0.01 mm			
	32mm to 40mm	± 0.02 mm			
Max Frequency	6mm to 25mm	180 cycles/min			
	32mm to 40mm	60 cycles/min			
Port Size		M3 x 0.5 (6 to 10mm units) M5 x 0.8 (16 to 40mm units)			
Sensor Swit	ch Compatibility	Nitra CPS9H-xx-x or CPS9C-xx-x			
Inc	cludes	Magnet			
App	provals	None			





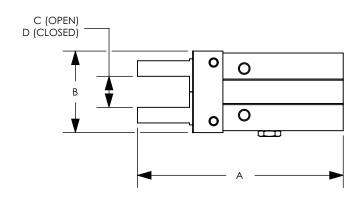
Click the above icon or scan the QR code to be taken to <a href="www.automationdirect.com/selec-tors/pneumaticgripper">www.automationdirect.com/selectors/pneumaticgripper</a> for our online Gripper Configuration Tool for further selection assistance.



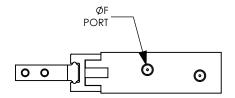
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### **Dimensions**

mm [inches]







Pneumatic Gripper Dimensions									
Part #	Α	В	С	D	E	ØF			
KP06MD-M	53.0 [2.09]	21.0 [0.83]	11.0 [0.43]	8.0 [0.31]	10.5 [0.41]	M3 x 0.5			
KP10MD-M	57.0 [2.24]	30.0 [1.18]	15.5 [0.61]	11.5 [0.45]	16.5 [0.65]	M3 x 0.5			
KP16MD-M	67.5 [2.65]	39.0 [1.54]	21.0 [0.83]	15.0 [0.59]	23.5 [0.93]	M5 x 0.8			
KP20MD-M	84.5 [3.32]	53.0 [2.09]	26.5 [1.04]	16.5 [0.65]	27.5 [1.08]	M5 x 0.8			
KP25MD-M	102.5 [4.04]	71.0 [2.80]	33.5 [1.31]	19.5 [0.77]	33.5 [1.32]	M5 x 0.8			
KP32MD-M	113.0 [4.45]	106.0 [4.17]	48.0 [1.89]	26.0 [1.02]	40.0 [1.57]	M5 x 0.8			
KP40MD-M	139.0 [5.47]	119.0 [4.70]	60.0 [2.36]	30.0 [1.18]	48.0 [1.89]	M5 x 0.8			

See our website www.AutomationDirect.com for complete Engineering drawings.