

SINGLE ACTING PNEUMATIC CYLINDERS SERIES MCMJP



STRÁNSKÝ A PETRŽÍK



The pneumatic cylinder can be used wherever short installation dimensions are required. The cylinders do not have end position damping. They are available with piston diameters of 6, 10 or 15 mm. The installation space can be significantly reduced, as these cylinders can be recessed directly into the device body (plug mounting) or fixed with two nuts (panel mounting). The cylinders do not have a magnet for position sensing.

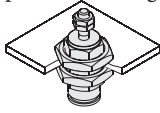
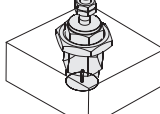
Working pressure	0,5 MPa
Min. pressure	0,2 MPa
Max. pressure	0,7 MPa
Temp. range	-5°C to +60°C
Working medium	modified compressed air

Piston diameter [mm]	6	10	15
Thrust at 0,5 MPa [N]*	10	33	77
Spring restoring force [N]	1,4	2,4	4,4
Connection*	M5	M5	M5
Work speed [mm/s]	50-500		
Standard strokes [mm]	5, 10, 15		
Max. allowable kinetic energy [J]	0,003	0,008	0,019
Weight 0 mm stroke [kg]	0,008	0,023	0,063
Weight add. per 1 mm stroke [kg]	0,0004	0,0010	0,0020

*) Cylinders have a threaded connection or are recessed in the body with an internal inlet.

Order codes

P MCMJP B - 15 - 6 - 15

Mounting style		Cylinder type		Piston diameter		Stroke	
B	panel mounting 	10	single acting, spring return, without thread on piston rod 	6	6 mm	5	5 mm
S	plug mounting 	15	single acting, spring return, with thread on piston rod 	10	10 mm	10	10 mm
				15	15 mm	15	15 mm



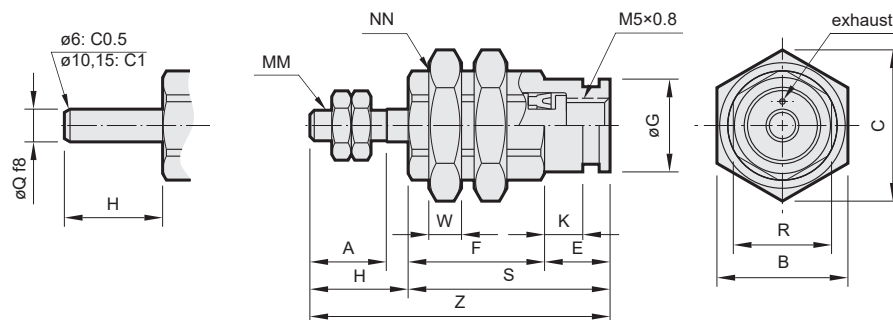
For type S - mplug mounting in the hole, the sealing O-ring is included in the delivery.

Construction / materials

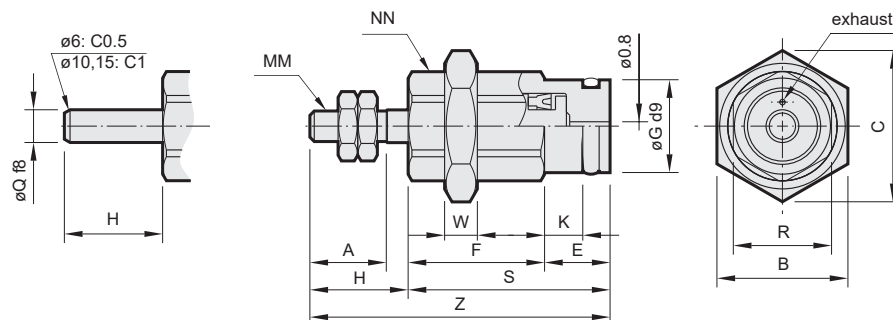
- body, cap: copper
- piston rod: stainless steel
- nut on body: copper, steel for ø15
- nut on piston rod: steel
- sealing: NBR
- spring: SWP

Dimensions

Type B - panel mounting

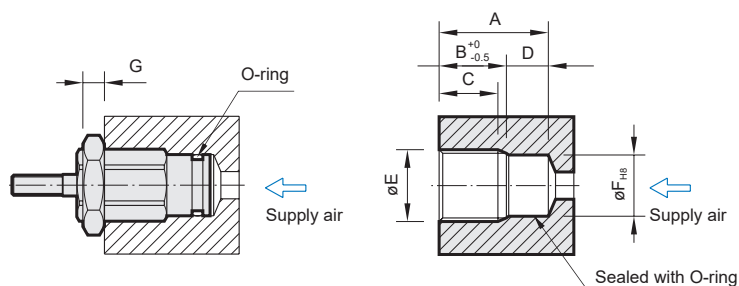


Type S - plug mounting



ϕ	A	B	C	E	F for stroke			G	H	K	MM	NN	Q	R	S for stroke			W	Z for stroke		
					5	10	15								5	10	15		5	10	15
6	7	12	13,9	6	12,5	19,5	26,5	8,5	9	3,5	M3	M10x1	3	9	18,5	25,5	32,5	3	27,5	34,5	41,5
10	10	19	22	6	14,5	21	28	12	12	3,5	M4	M15x1,5	5	13	20,5	27	34	4	32,5	39	46
15	12	27	31	7	16,5	22,5	29	19	14	4,2	M5	M22x1,5	6	20	23,5	29,5	36	5	37,5	43,5	50

Type S - hole dimensions



ϕ	Stroke	A	B	C	D	E	F	G
6	5	16	12,5	10	3,5	M10x1	8,5	3
	10	23	19,5	17				
	15	30	26,5	24				
10	5	17	13,5	10,5	3,5	M15x1,5	12	4
	10	23,5	20	17				
	15	30,5	27	24				
15	5	19	14,5	11,5	4,5	M22x1,5	19	5
	10	25	20,5	17,5				
	15	31,5	27	24				