

Features

P5GA Angular Gripper Series, Economy

- Angular gripper, 2-finger - economy
- Comprehensive range of bore sizes, 12mm to 32mm
- Magnetic piston standard



Operating information

Operating pressure:

1.5 to 7 bar (21.8 to 102 PSIG)

Temperature range:

-5° to 60° C (23° to 140° F)

Maximum frequency:

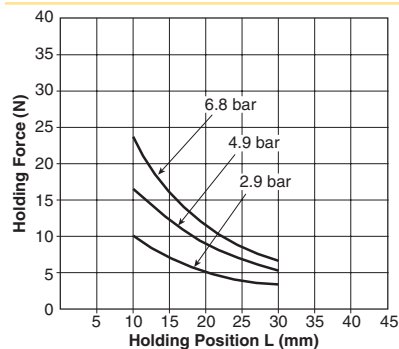
180 cycles/min

Ordering Information: P5GA Angular Gripper Series - Economy

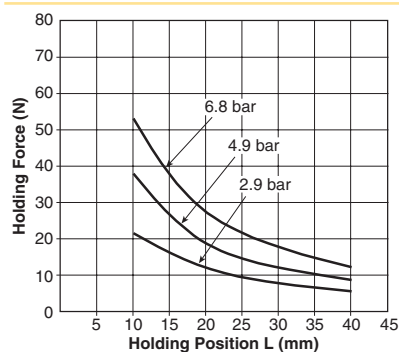
Function	Bore size (mm)	Ports (BSPP)	Rotation	Weight (g)	Part number
Double acting magnetic	12	M3	-10 to 30 degrees	53	P5GA-012MSG030B
Double acting magnetic	16	M5	-10 to 30 degrees	103	P5GA-016MSG030B
Double acting magnetic	20	M5	-10 to 30 degrees	193	P5GA-020MSG030B
Double acting magnetic	25	M5	-10 to 30 degrees	327	P5GA-025MSG030B
Double acting magnetic	32	M5	-10 to 30 degrees	525	P5GA-032MSG030B

Sensor part numbers: Page F52.

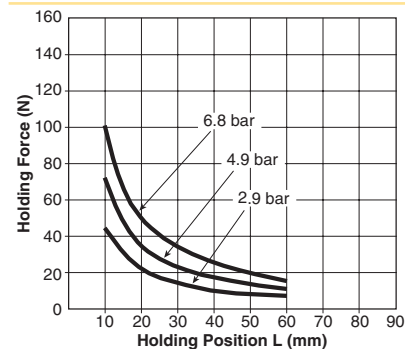
Clamp Force - P5GA-012



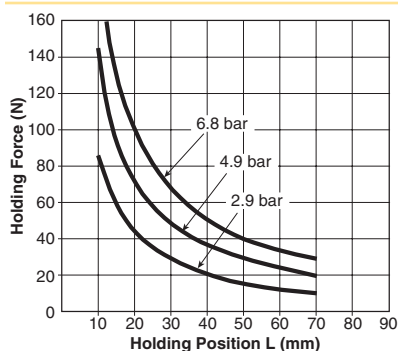
Clamp Force - P5GA-016



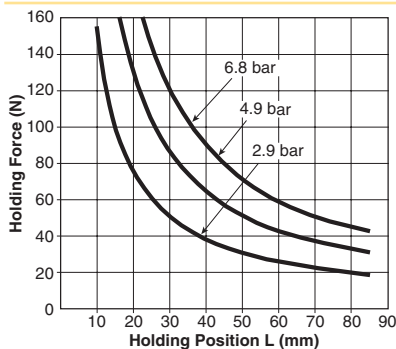
Clamp Force - P5GA-020



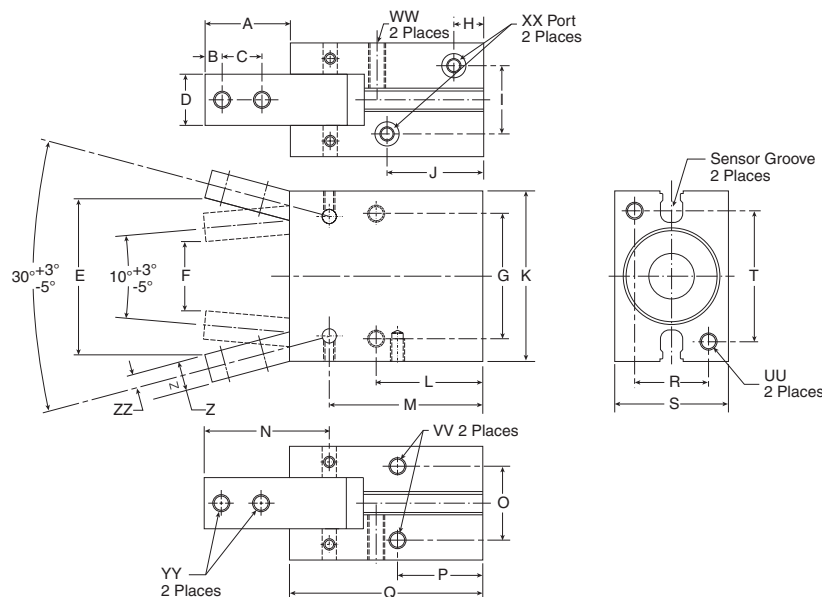
Clamp Force - P5GA-025



Clamp Force - P5GA-032



Dimensions: P5GA Angular Gripper Series - Economy



Tube

I.D.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	UU	VV	WW	XX	YY	Z	ZZ
12	15.4	3	6	7	26.3	9	20	7.5	10.2	23.5	28	20	32.9	21.5	10.2	16	39	10	16	22	M3	M3	M3	M3	M3	5	2.5
16	17.5	3	8	9	31.1	14	24	7.5	12	22	34	22.5	35	25	14	18	42.5	14	22	26	M4	M4	M4	M5	M3	6	3
20	22	4	10	12	40.1	18	30	8	13	25	45	25	39.5	32.5	16	19	50	16	26	35	M5	M5	M5	M5	M4	7	3.5
25	26	5	12	14	47.9	21	36	8.5	18	28	52	28.5	45.5	38.5	20	21.5	58	20	32	40	M6	M6	M6	M5	M5	9	4
32	30	6	14	18	55.1	24	44	10.5	24	34	60	37.5	54	44	26	30	68	26	40	46	M6	M6	M6	M5	M6	10	5

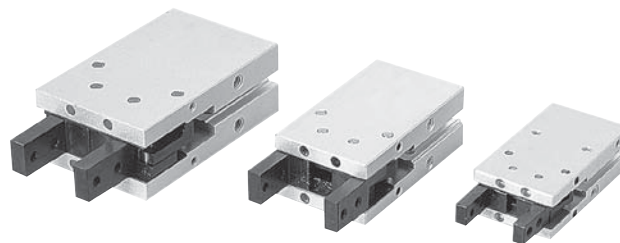
Dimensions in millimeters

For inventory, lead time, and kit
lookup, visit www.pdnplu.com

Features

P5GB Parallel Gripper Series, Economy

- Parallel gripper, 2-finger - economy
- Comprehensive range of bore sizes, 12mm to 32mm
- Magnetic piston standard



Operating information

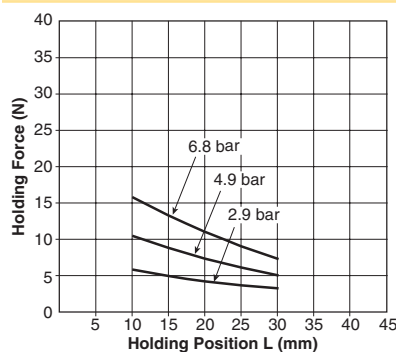
Operating pressure:	1.5 to 7 bar (21.8 to 102 PSIG)
Temperature range:	-5° to 60° C (23° to 140° F)
Maximum frequency:	180 cycles/min

Ordering Information: P5GB Parallel Gripper Series - Economy

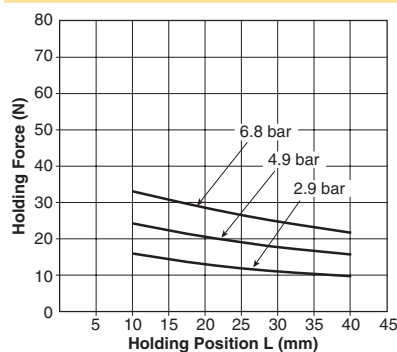
Function	Bore size (mm)	Ports (BSPP)	Stroke (mm)	Weight (g)	Part number
Double acting magnetic	12	M3	6	66	P5GB-012MSG006B
Double acting magnetic	16	M5	8	144	P5GB-016MSG008B
Double acting magnetic	20	M5	12	255	P5GB-020MSG012B
Double acting magnetic	25	M5	14	419	P5GB-025MSG014B
Double acting magnetic	32	M5	16	719	P5GB-032MSG016B

Sensor part numbers: Page F52.

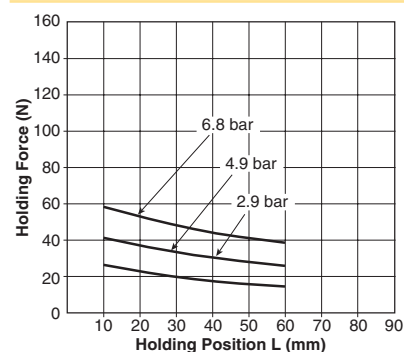
Clamp Force - P5GB-012



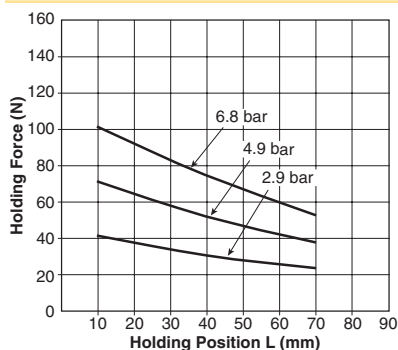
Clamp Force - P5GB-016



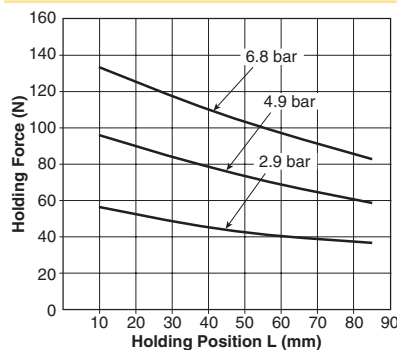
Clamp Force - P5GB-020



Clamp Force - P5GB-025

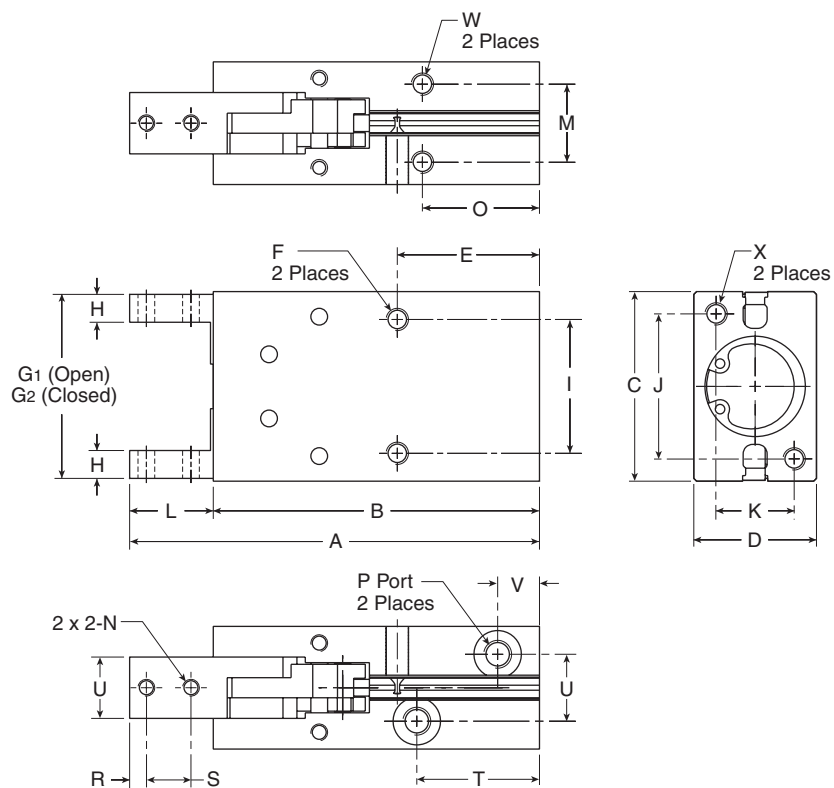


Clamp Force - P5GB-032



Most popular.

Dimensions: P5GB Parallel Gripper Series - Economy



Tube I.D.	A	B	C	D	E	F	G1	G2	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
12	63.5	50.5	28	16	20	M3 x 0.5 x 5 Dp	27	21	4	18	17	10	13	10	M3 x 0.5	16	M3	7	3	6	23	10.2
16	73.5	58.5	34	22	25.5	M4 x 0.7 x 11 Dp	33	25	5	24	26	14	15	14	M3 x 0.5	21	M5	11	3	8	22	12
20	88.5	69.5	45	26	25	M5 x 0.8 x 8 Dp	44	32	6	30	35	16	19	16	M3 x 0.7	19	M5	12	4	10	26	13
25	102.5	78.5	52	32	28	M6 x 1.0 x 10 Dp	51	37	8	36	40	20	24	20	M3 x 0.8	22	M5	14	5	12	29	18
32	120.5	90.5	60	40	34	M6 x 1.0 x 10 Dp	59	43	10	44	46	24	30	26	M3 x 1.0	26	M5	20	7	15	35	24

Tube I.D.	V	W	X
12	7.5	M3 x 0.5 x 5 Dp	M3 x 0.5 x 5 Dp
16	7.5	M4 x 0.7 x 7 Dp	M4 x 0.7 x 7 Dp
20	8	M5 x 0.8 x 8 Dp	M5 x 0.8 x 8 Dp
25	8.5	M6 x 1.0 x 10 Dp	M6 x 1.0 x 10 Dp
32	10.5	M6 x 1.0 x 10 Dp	M6 x 1.0 x 10 Dp

Dimensions in millimeters

F

Automation
Products

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Tables

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