

Parallel style pneumatic grippers - Wide opening

Coding: 6311.Ø.D.⊙

Overall dimensions

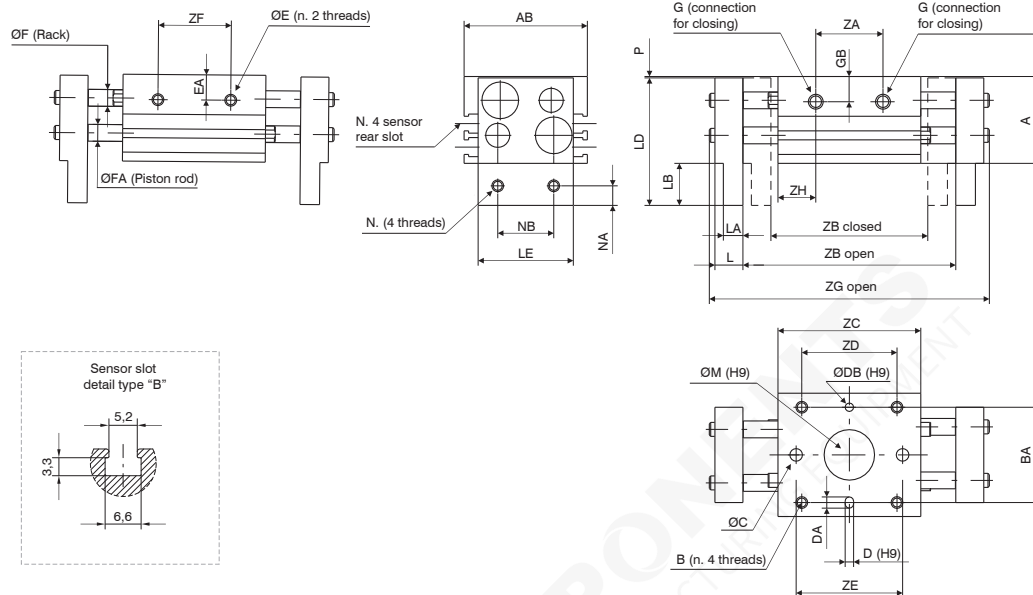
Ø	BORE
	10 = Ø10
	16 = Ø16
	20 = Ø20
	25 = Ø25
⊙	32 = Ø32
	40 = Ø40
	STROKE
	= 20 mm (Ø10), 30 mm (Ø16), 40 mm (Ø20), 50 mm (Ø25), 70 mm (Ø32), 100 mm (Ø40)
	1 = 40 mm (Ø10), 60 mm (Ø16), 80 mm (Ø20), 100 mm (Ø25), 120 mm (Ø32), 160 mm (Ø40)
⊙	2 = 60 mm (Ø10), 80 mm (Ø16), 100 mm (Ø20), 120 mm (Ø25), 160 mm (Ø32), 200 mm (Ø40)

Coding examples:

6311.10.D (Stroke 20 mm, Ø10)

6311.10.D.1 (Stroke 40 mm, Ø10)

6311.10.D.2 (Stroke 60 mm, Ø10)



Bore	Ø10	Ø16	Ø20	Ø25	Ø32	Ø40
A	31	39	46	52	68	79
AB	44	55	65	76	82	98
B	M4x0,7	M5x0,8	M6x1	M8x1,25	M8x1,25	M10x1,5
Useful depth	8	10	12	16	16	20
BA	34	42	52	62	64	76
OC	4,5	5,5	6,6	9	/	/
D ^{H9}	3	3	4	4	6	6
Useful depth	3	3	4	4,5	8	8
DA	4	4	5	5	7	7
ØDB ^{H9}	3	3	4	4	6	6
Useful depth	3	3	4	4,5	8	8
E	M4x0,7	M5x0,8	M6x1	M8x1,25	M8x1,25	M10x1,5
Useful depth	5	7	7	7	11	16
EA	9	10	11	12,5	22	28
OF	6	8	10	12	14	16
FA	6	8	10	12	16	20
G	M5x0,8	M5x0,8	M5x0,8	M5x0,8	G1/8	G1/8
GB	9	10	11	16	16	18
L	10	13	17	21	24	28
LA	7	9	12,5	14	15	18
LB	15	19	24	29	32	38
LD	45,5	57,5	69	80	100	117
LE	34	43	54	64	70	86
OM ^{H9}	18	23	27	32	35	40
Useful depth	1,5	1,5	1,5	1,5	1,5	1,5
N	M4x0,7	M5x0,8	M6x1	M8x1,25	M10x1,5	M10x1,5
NO	7	8	10	12	15	18
NB	20	25	30	40	50	60
P	0,5	0,5	1	1	1	1
ZA	24 39 57	26 50 70	32 68 88	38 86 104	54 104 148	72 130 170
ZB closed	56 78 96	68 110 130	82 142 162	100 182 200	150 198 242	188 246 286
open	76 118 156	98 170 210	122 222 262	150 282 320	220 318 402	288 406 486
ZC	51 67 85	60 90 110	71 113 133	88 142 160	110 158 202	148 206 246
ZD	36 52 70	45 75 95	58 100 120	70 124 142	86 134 178	116 174 214
ZE	38 54 72	40 70 90	54 96 116	66 120 138	/ / /	/ / /
ZF	26 42 60	28 58 78	38 80 100	48 102 120	60 108 152	80 138 178
ZG open	100 142 180	128 200 240	160 260 300	196 328 366	272 370 454	348 466 546
ZH	13,5 14 14	17 20 20	19,5 22,5 22,5	25 28 28	28 27	38
Weight (g)	280 350 430	600 800 950	1000 1500 1700	2500 2800 2900	3800 4700 5300	6850 7900
	20 40 60	30 60 80	40 80 100	50 100 120	70 120 160	100 160 200
Stroke						

Model	Diameter (mm)	Max. operating frequency cycles/min.
6311.10.D	10	60
6311.10.D.1		40
6311.10.D.2		40
6311.16.D	16	60
6311.16.D.1		40
6311.16.D.2		40
6311.20.D	20	60
6311.20.D.1		40
6311.20.D.2		40
6311.25.D	25	60
6311.25.D.1		40
6311.25.D.2		40
6311.32.D	32	30
6311.32.D.1		20
6311.32.D.2		20
6311.40.D	40	30
6311.40.D.1		20
6311.40.D.2		20

Operating criteria

Gripping force

Opening / closing stroke

Basic version

Versions 1 and 2

Basic version

Versions 1 and 2

