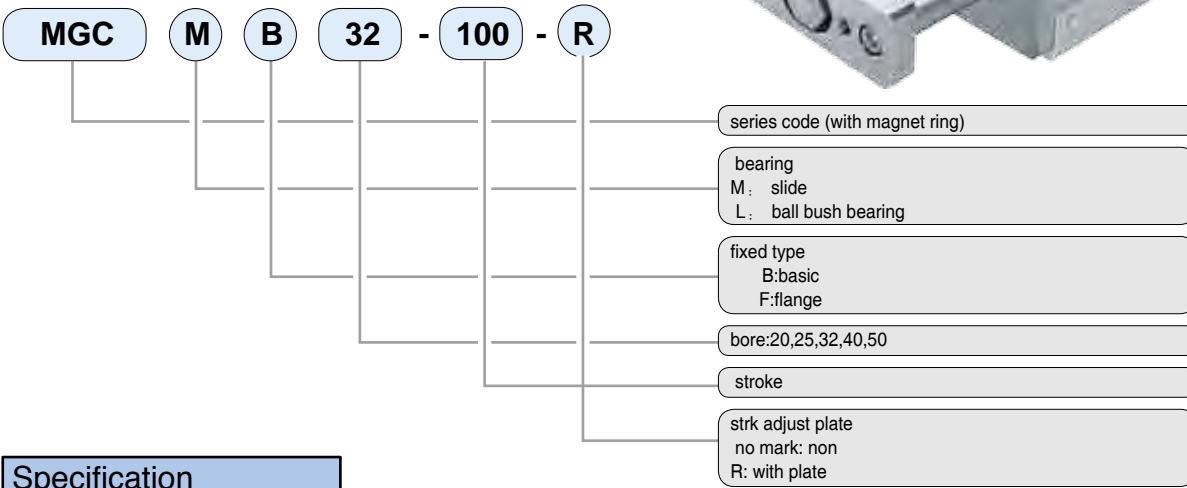




Note for type



Specification

bore(mm)	20	25	32	40	50	
fluid	air					
motion type	double action					
Ensured pressure resistance [ Mpa(kgf/cm²) ]	1.5 (15.3)					
Max operating pressure [ Mpa(kgf/cm²) ]	1.0 (10.2)					
Min operating pressure [ Mpa(kgf/cm²) ]	0.15 (1.5)					
Working temp. (°C)	-10~ +60					
piston speed (mm/s)	50-750					
cushion	air cushion					
stroke tolerance (mm)	+1.9 +0.2					
* lubricate	no need					
bearing	slide / ball bushing					
Accuracy of the piston rod does not rotate	slide	± 0.1°	± 0.09°	± 0.08°	± 0.08°	± 0.06°
	ball bush bearing	± 0.06°	± 0.05°	± 0.04°	± 0.04°	± 0.04°
pipe size	M5		1/8		1/4	

\* Please use oil ISOVG32 1 to lubricate ,if necessary

how to order stroke / magnet switch

bore (mm)	standard stroke (mm)	long stroke	trap mount	
			* with magnet sensor	switch code
20	75,100,125,150,200	250, 300, 350, 400	D-C73L	BMA2-020
25	75,100,125,150,200,250,300	350, 400, 450, 500	D-C76L	BMA2-025
32		350, 400, 450, 500, 600	D-C80L	BMA2-032
40		350, 400, 450, 500, 600, 700, 800	D-H7A1L	BMA2-040
50		350, 400, 450, 500, 600, 700, 800, 900, 1000	D-H79BL	BMA2-050

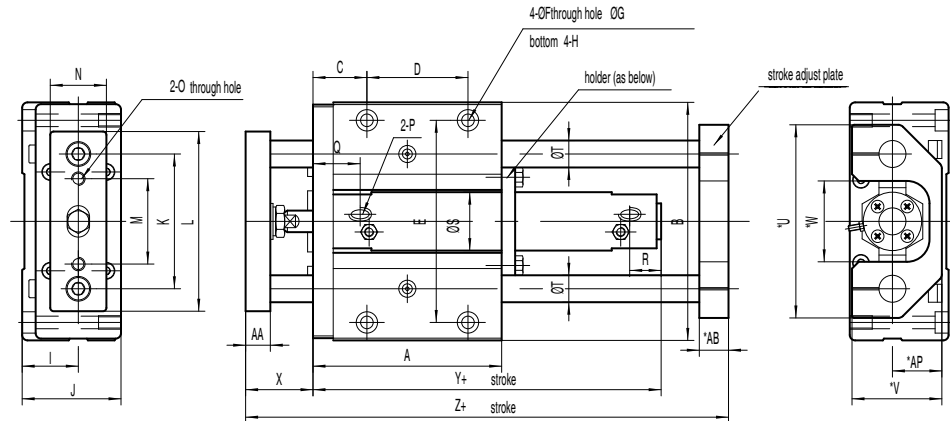
\* for more detail, please find our catalogue for switch

mini compact twin-rods cylinder ,with rod guider Series

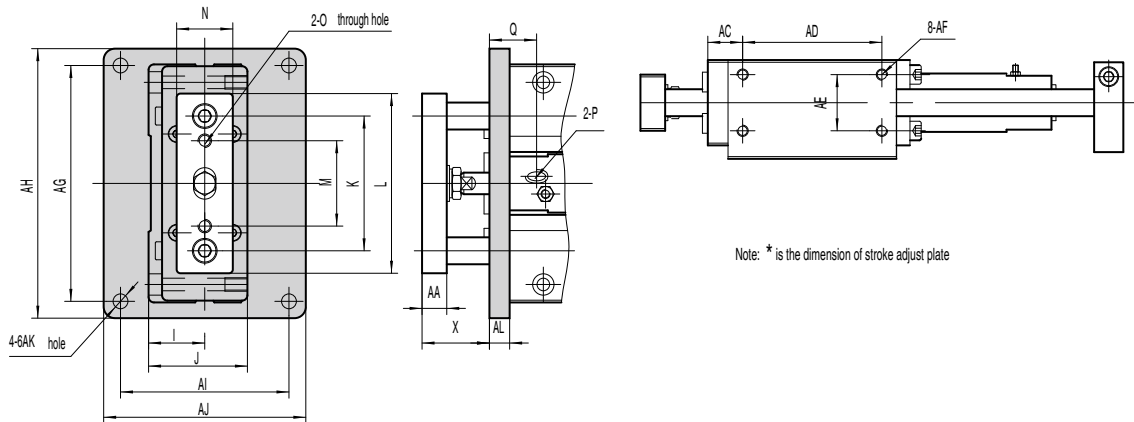


Outlook & Dimension

Basic type Ø20 ~ Ø50



Flange type Ø20 ~ Ø50



bore	flange							
	Q	X	AG	AH	AI	AJ	AK	AL
20	21	30	105	120	75	90	6.6	9
25	21	37	120	136	84	100	9	9
32	21	37	134	150	92	108	9	9
40	25	44	160	176	110	125	9	12
50	26	55	190	210	115	135	11	12

long stroke

bore	stroke range	R	Y
20	250~400	14	88
25	350~500	14	88
32	350~600	14	90
40	350~800	15	101
50	350~1000	16	116

no holder when stroke over as below

bore	stroke with holder
20	>100
25	>125
32	>150
40	>200
50	>250

bore	stroke range	A	AA	AB	AC	AD	AE	AF	AP	B	C	D	E	F	G	H
20	75,100,125,150,200	84	11	13	15.5	62	25	M5depth 10	22	106	24	45	90	5.6	9.5depth 6	M6depth 10
25	75,100,125,150, 200,250,300	89	15	13	16.5	65	30	M6depth 12	27	120	26.5	45	103	6.8	11depth 8	M8depth 14
32		94	15	13	16.5	70	35	M6depth 12	32	135	26.5	50	118	6.8	11depth 8	M8depth 14
40		107	18	16	22	75	40	M8depth 16	37	160	34.5	50	140	8.6	14depth 10	M10depth 18
50		142	23	19	22	110	45	M10depth 20	42	194	37	80	170	10.5	17depth 12	M12depth 21

bore	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
20	25	44	60	80	38	25	M6	M5	21	12	26	12	86	40	36	30	80	140
25	30	52	70	95	46	32	M6	M5	21	12	31	13	98	47	44	37	80	153
32	35	60	80	105	50	32	M6	1/8	21	12	38	16	112	53	50	37	82	161
40	40	70	95	125	60	38	M8	1/8	25	12	47	20	132	63	60	44	92	188
50	45	82.5	115	150	75	50	M8	1/4	26	14	58	25	162	73	70	55	104	241