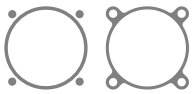
MB 32-200

Oil bearing is adopted so the piston rod do not need to be lubricated

Besides fixed buffer, the cylinder terminal has adjustable cushion screw so that the cylinder enters stably during commute direction

The cylinder piston is equipped with a permanent magnet that can trigger the magnetic switch of the cylinder to detect the moving position of cylinder

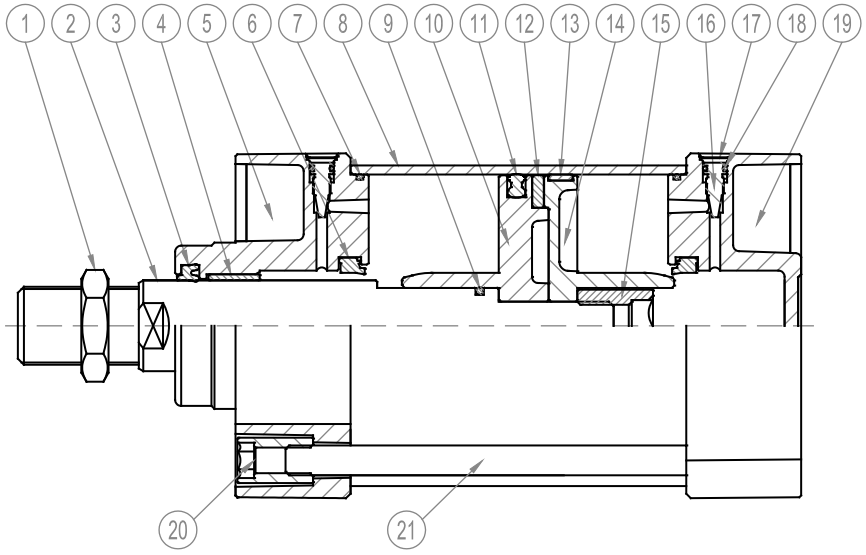
The seal material with high temperature resistance is adopted to guarantee the normal operation of cylinder at 150℃



TECHNICAL DATA

BORE[Φ]	32	40	50	63	80	100	125	160	200
Pneumatic connection	G1/8"	G1/4"	G1/4"	G3/8"	G3/8"	G1/2"	G1/2"	G3/4"	G3/4"
Piston rod thread	M10×1.25	M14×1.5	M18×1.5	M18×1.5	M22×1.5	M26×1.5	M27×2	M36×2	M36×2
Cushioning	Adjustable at both ends								
Cushioning length[mm]	17	17	17	17	24	24	28	30	38
Operating temperature	-5-70℃								
Operating pressure	12 bar								
Operating medium	Filtered compressed air,with or without lubrication								
Version	Double acting								
Type of mounting	Via accessories								
Mounting position	Any								

1 bar=0.1MPa=14.5PSI



1	Nut,Piston rod	Carbon steel
2	Piston rod	C45 chrome-plated steel
3	Wiper seal	NBR
4	Oil bearing	Sintered steel
5	Front cover	Die cast aluminium
6	Cushioning seal	NBR
7	O-ring,Front cover	NBR
8	Tube	Anodized aluminium
9	O-ring,Piston rod	NBR
10	Front piston	Die cast aluminium
11	Piston seal	NBR
12	Magnet	Ferrite
13	Wear Ring	POM
14	Back Piston	Die cast aluminium
15	Piston rod lock nut	Carbon steel
16	Cushion adjustment screw	Brass
17	Snap ring,Cushion screw	Spring steel
18	O-ring,Cushion screw	NBR
19	End Cover	Die cast aluminium
20	Tie-rod nut	Nickel-plated steel
21	Tie rod	A3

KEY CODE

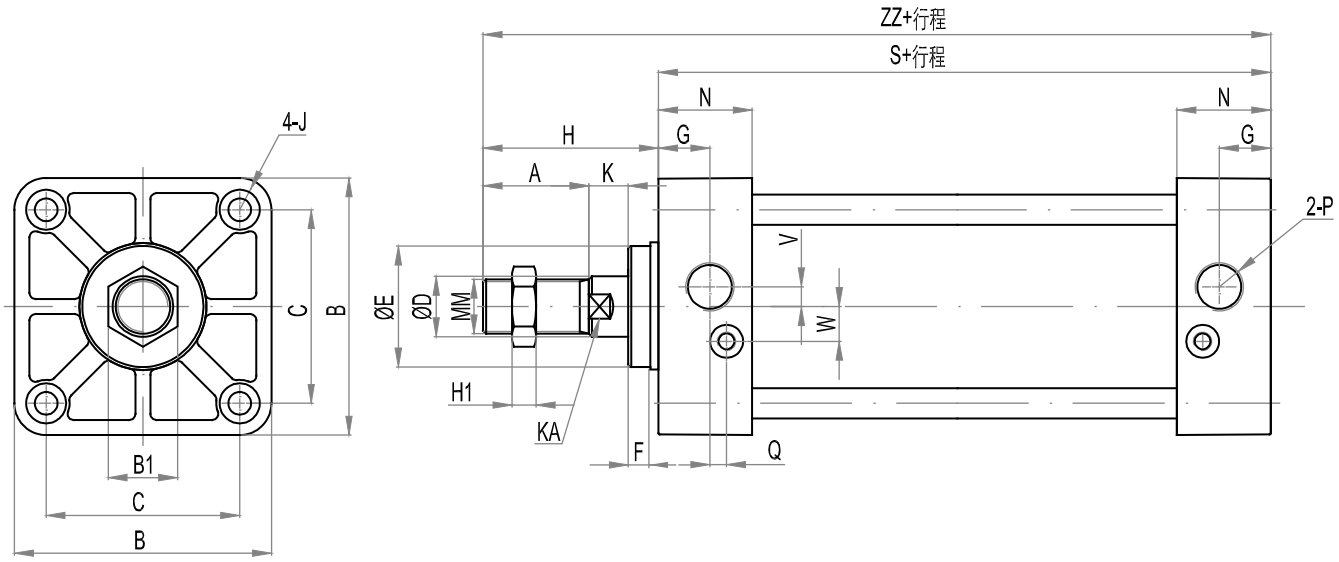
MB D - 50 X 50 - 25 - S - SA - P - 2 4 - LB - I

MB	D	50	50	25	S	SA	P
SERIES	TYPE	BORE	STROKE [mm]	ADJUSTABLE STROKE	MAGNETIC	VERSION	THREAD TYPE
MB=With tie rod	Blank=Standard	32-40-50-63-80-100-125-160-200	As request	As request	Blank=Without magnet	SA= Single acting	P=PT Thread
MBU=Without tie rod	D=Double rod type				S=With magnet	DA= Double acting	N=NPT Thread
							G=G Thread

2	4	LB	I
PISTON ROD MATERIAL	TIE ROD MATERIAL	Mounting Type	Connector Type
Blank=Carbon steel	Blank=Carbon steel	Blank=Without accessory	Blank=Without accessory
2=316 Stainless steel	4=316 Stainless steel	LB=Angle bracket	I=I joint
		FA=Flange	Y=Y joint
		CA=Male clevis	U=Rod eye joint
		CB=Female clevis	F=Floating joint
		LNG=Square hinge	

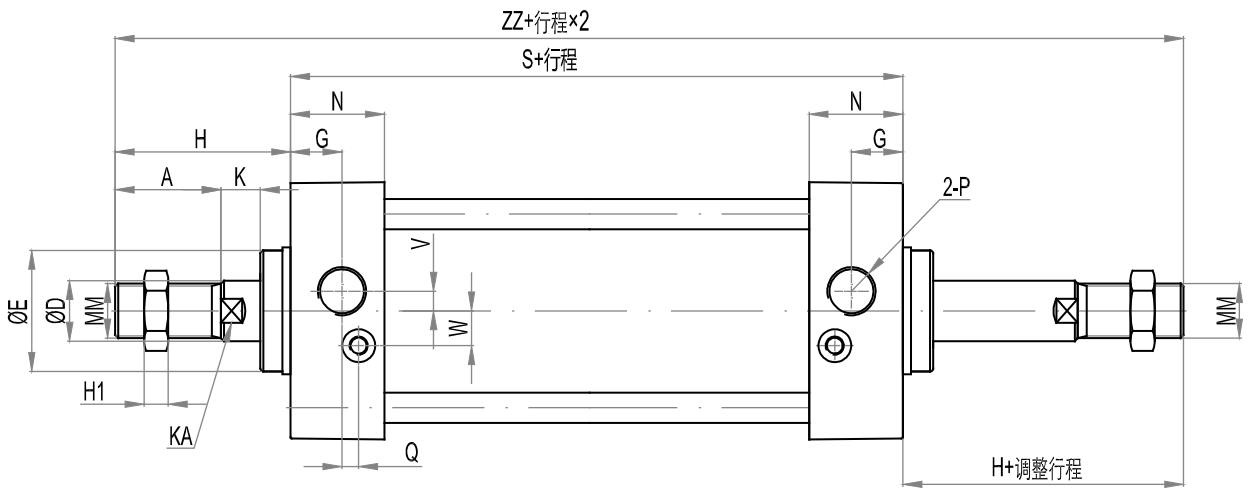
PS: High temperature seals available upon request

MB Standard Type

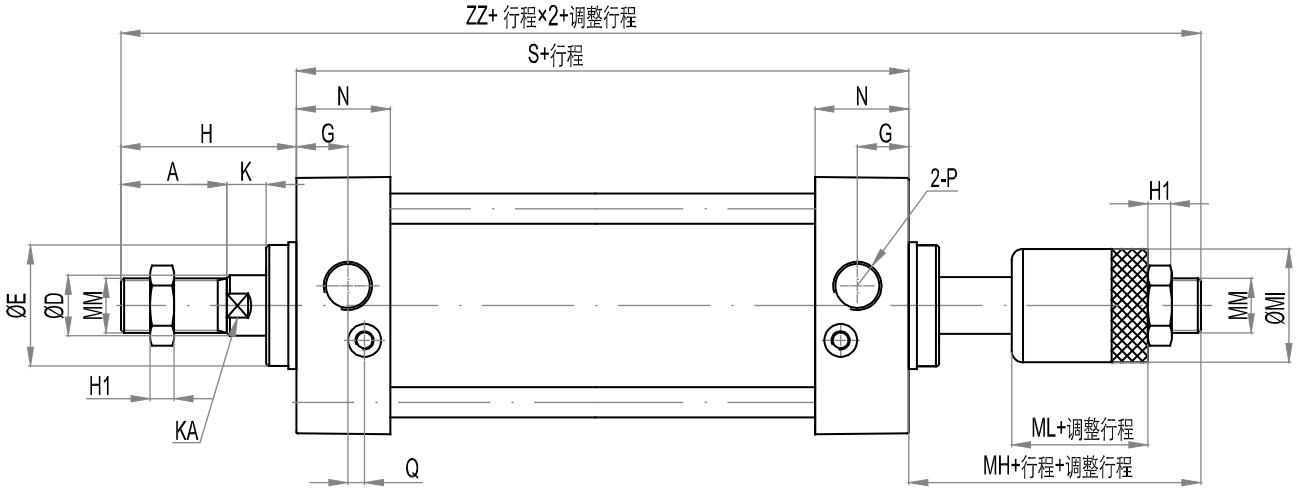


Φ [MM]	32	40	50	63	80	100	125	160	200
A	22	27	32	32	37	37	54	72	72
B	46	52	65	75	95	114	140	180	220
B1	17	22	23	23	29	32	36	50	50
C	32.5	38	46.5	56.5	72	89	110	140	175
D	12	16	20	20	25	30	32	40	40
E	30	35	40	45	45	55	60	65	75
F	13	13	14	14	20	20	25	38	67
G	13.5	13.5	15.5	15.5	19	19	23	25	25
H	47	51	58	58	72	72	99	132	167
H1	6	8	8	8	10	10	10	13	13
J	M6×1	M6×1	M8×1.25	M8×1.25	M10×1.5	M10×1.5	M12×1.75	M16×2	M16×2
KA	10	13	17	17	22	22	27	36	36
MM	M10×1.25	M14×1.5	M18×1.5	M18×1.5	M22×1.5	M26×1.5	M27×2	M36×2	M36×2
N	27	27	31.5	31.5	38	38	40	50	50
P	G1/8"	G1/4"	G1/4"	G3/8"	G3/8"	G1/2"	G1/2"	G3/4"	G3/4"
Q	6.7	7	8.7	8.7	11.5	10	12	12	12
S	84	84	94	94	114	114	136	180	180
V	4	4	5	9	11.5	17	14	15	15
W	6.5	9	10.5	12	14	15	14	20	20
ZZ	131	135	152	152	186	186	235	312	347

MBD Double rod type

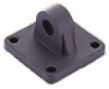
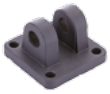


MBJ Double rod type with adjustable stroke



Φ [MM]		32	40	50	63	80	100	125	160	200
MH		40	41	45	45	59	59	73	124	153
MI		23	32	38	38	45	55	55	65	65
ML		21	21	23	23	29	29	35	68	68
ZZ	MBD	178	186	210	210	258	258	334	444	514
	MBJ	171	176	197	197	245	245	308.5	436	500

MOUNTING ATTACHMENTS AND ACCESSORIES

Φ	LB	FA/FB	CA	CB	I	Y	U	PIN
								
32	●	●	●	●	●	●	●	●
40	●	●	●	●	●	●	●	●
50	●	●	●	●	●	●	●	●
63	●	●	●	●	●	●	●	●
80	●	●	●	●	●	●	●	●
100	●	●	●	●	●	●	●	●
125	●	●	●	●	●	●	●	●
160	●	●	●	●	●	●	●	●
200	●	●	●	●	●	●	●	●
	More are available in accessories. Cover kits and service kits are available							