

Mini cylinder

MG Series—Accessories

List for ordering code of accessories

Accessories Bore size	Mounting accessories				Knuckle		Sensor switch	
	LB	FA	SDB	CB	I	Y	CMSG	DMSG(S)
20	F-MG20LB	F-MG20FA	F-MG20SDB	F-MG20CB	F-ACQ20I	F-ACQ20Y	CMSG	DMSG(S)
25	F-MG25LB	F-MG25FA	F-MG25SDB	F-MG25CB	F-ACQ25I	F-ACQ25Y		
32	F-MG32LB	F-MG32FA	F-MG32SDB	F-MG32CB	F-ACQ32I	F-ACQ32Y		
40	F-MG40LB	F-MG40FA	F-MG40SDB	F-MG40CB	F-ACQ40I	F-ACQ40Y		
50	F-MG50LB	F-MG50FA	F-MG50SDB	F-MG50CB	F-ACQ50I	F-ACQ50Y		
63	F-MG63LB	F-MG63FA	F-MG63SDB	F-MG63CB				

Accessory selection

Accessories		Mounting accessories				Knuckle		Sensor switch	
Cylinder model		LB	FA	SDB	CB	I	Y	CMSG	DMSG(S)
MG	Standard	●	●	●	●	●	●	×	×
MGC	With magnet	●	●	●	●	●	●	●	●
MSG	Standard	●	●	●	●	●	●	×	×
MTG	With magnet	●	●	●	●	●	●	●	●
MGD	Standard	●	●	×	×	●	●	×	×
MGCD	With magnet	●	●	×	×	●	●	●	●

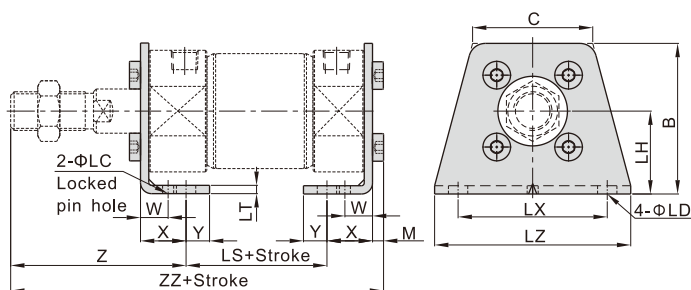
Material of accessories

Accessories		Mounting accessories				Knuckle	
Bore size		LB	FA	SDB	CB	I	Y
20 25	△	○	△	△	□	□	□
32~63	△	○	△	△	□	□	◇

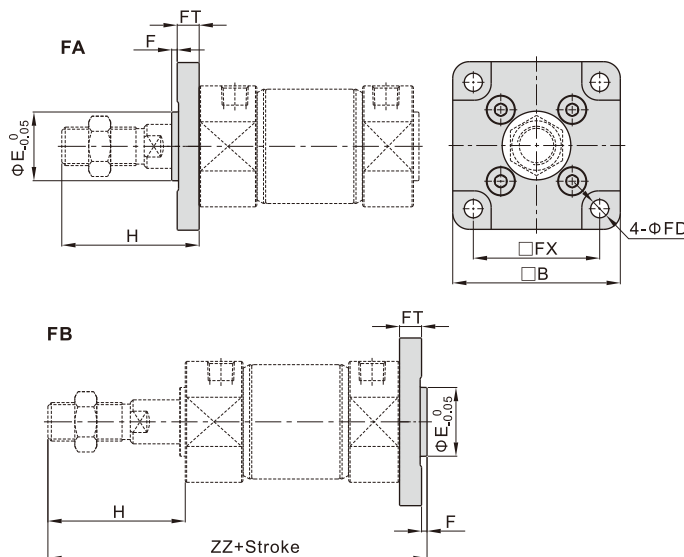
△—SPCC; ○—cast iron; □—S45C; ◇—cast steel

Dimensions

LB



FA\FB



Bore size\Item	Standard stroke	Longer stroke	B	C	LC	LD	LH	LS
20	≤200	201~500	34	27.5	4	6	20	45(53)
25	≤300	301~500	38.5	30	4	6	22	45(53)
32	≤300	301~500	45	35.5	4	7	25	46(54)
40	≤300	301~500	54.5	43.5	4	7	30	52(61)
50	≤300	301~500	70.5	50.5	5	10	40	55(67)
63	≤300	301~500	82.5	64	5	12	45	55(67)

Bore size\Item	LT	LX	LZ	M	W	X	Y	Z	ZZ
20	3	32	44	2.8	10	15	7	47	110(118)
25	3	36	49	3.5	10	15	7	52	115.5(123.5)
32	3.5	44	58	3.5	10	16	8	52.5	117.5(125.5)
40	3.5	54	71	4	10	16.5	8.5	63	135(144)
50	4.5	66	86	5	17.5	22	11	75.5	157.5(169.5)
63	4.5	82	106	6	17.5	22	13	75.5	158.5(170.5)

Remark: The value in the "()" is longer stroke type's value.

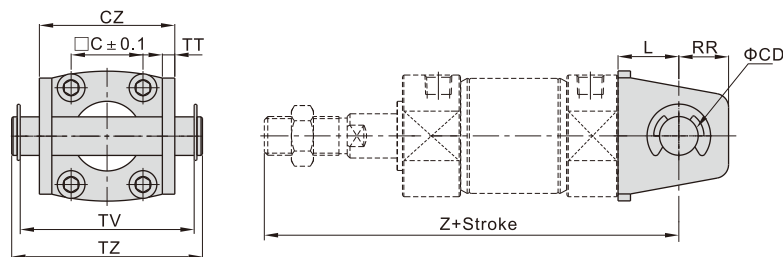
Bore size\Item	Standard stroke	Longer stroke	B	E	F	FD	FX	FT	H	ZZ
20	≤200	201~500	40	12	2	5.5	28	6	35	112(120)
25	≤300	301~500	44	14	2	5.5	32	7	40	118(126)
32	≤300	301~500	53	18	2	6.5	38	7	40	120(128)
40	≤300	301~500	61	25	2	6.5	46	8	50	138(147)
50	≤300	301~500	76	30	2	9	58	9	58	159(171)
63	≤300	301~500	92	32	2	11	70	9.5	58	159.5(171.5)

Remark: The value in the "()" is longer stroke type's value.

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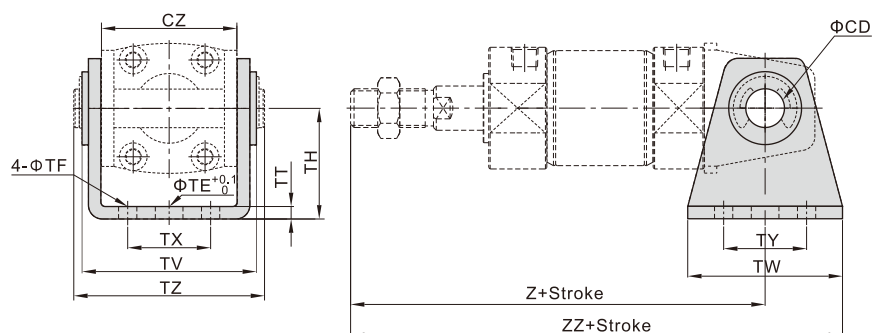
CB



Bore size/Item	Standard stroke	Longer stroke	C	CD	CZ	L	RR	TT	TV	TZ	Z
20	≤200	201~500	14	8	29	14	11	2.5	41	46	118(126)
25	≤300	301~500	16.5	10	33	16	13	2.5	44	50	125(133)
32	≤300	301~500	20	12	40	20	15	3	54	60.5	131(139)
40	≤300	301~500	26	14	49	22	18	3	63	69.5	150(159)
50	≤300	301~500	32	16	60	25	20	4	77	83	173(185)
63	≤300	301~500	38	18	74	30	22	4	95	103	178(190)

Remark: The value in the "()" is longer stroke type's value.

SDB(+CB)

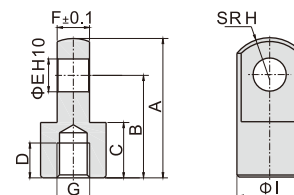


Bore size/Item	Standard stroke	Longer stroke	CD	CZ	TE	TF	TH	TT	TV	TW	TX	TY	TZ	Z	ZZ
20	≤200	201~500	8	29	10	5.5	25	2.5	40.5	42	16	28	46	118(126)	139(147)
25	≤300	301~500	10	33	10	5.5	30	2.5	43.5	42	20	28	50	125(133)	146(154)
32	≤300	301~500	12	40	10	6.5	35	3	53.5	48	22	28	60.5	131(139)	155(163)
40	≤300	301~500	14	49	10	6.5	40	3	62.5	56	30	30	69.5	150(159)	178(187)
50	≤300	301~500	16	60	20	9	50	4	76	64	36	36	83	173(185)	205(217)
63	≤300	301~500	18	74	20	11	60	4	94	74	46	46	103	178(190)	215(227)

Remark: SDB is attached with relevant PIN.

The value in the "()" is longer stroke type's value.

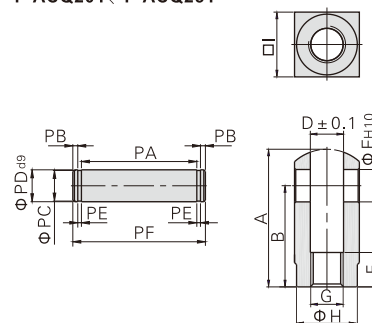
I Knuckle



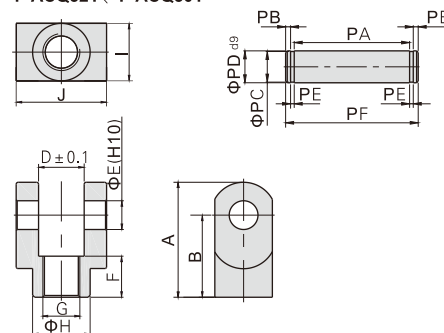
Type/Item	A	B	C	D	E	F	G	H	I
F-ACQ20I	34	25	13.5	8.5	8	7.7	M8×1.25	10.3	16
F-ACQ25I	41	30	16	11	10	9.7	M10×1.25	12.8	20
F-ACQ32I	42	30	16	14	10	17.6	M14×1.5	12	22
F-ACQ50I	56	40	20	18	14	21.6	M18×1.5	16	28

Y Knuckle

F-ACQ20Y、F-ACQ25Y



F-ACQ32Y、F-ACQ50Y



Type/Item	A	B	D	E	F	G
F-ACQ20Y	34	25	8.3	8	8.5	M8×1.25
F-ACQ25Y	41	30	10.3	10	10.5	M10×1.25
F-ACQ32Y	42	30	18.4	10	16	M14×1.5
F-ACQ50Y	56	40	22.4	14	20	M18×1.5

Type/Item	H	I	J	PA	PB	PC	PD	PE	PF
F-ACQ20Y	15	16	-	16.3	1.5	7	8	0.9	21
F-ACQ25Y	19	20	-	20.3	2	8	10	1.1	26.4
F-ACQ32Y	22	22	36	36.3	2	8	10	1.1	42.4
F-ACQ50Y	28	28	44	44.3	2	12	14	1.1	50.4