

About Us

BITEBI is one of the leading cylinders manufactures and suppliers in China. Welcome to buy our high-quality with high competitive price products from cylinders, pneumatic cylinders OEM service and ODM from your factory or company.

Our production capacity, comprehensive services as well as abundant experience enable us to be your best choice. We look forward to your reply and to establish mutually beneficial trading relations with you.

Working Process

● Mold Design and Manufacturing

Able to design and produce Die Casting Mold.
Software: Pro

● Die Casting

Fully equipped with high pressure cold chamber die casting machines
All the die casting machines are with automatic feed, spraying, fetch robot arms.

● CNC Machining

We tailor our machining approach for either low-volume or higher-volume production runs. Secondary machining such as tapping, milling, boring, surfacing, drilling, and threading are performed to your specifications.

● Assembling End Product

Able to assemble various cylinders.
Able to assembly big bore cylinder up to 320mm.
Own testing equipment for cylinders.



WUXI BITEBI MACHINERY TECHNOLOGY CO.,LTD

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search us on MADE IN CHINA" Wuxi Bitebi Machunery Technology Co.,Ltd."

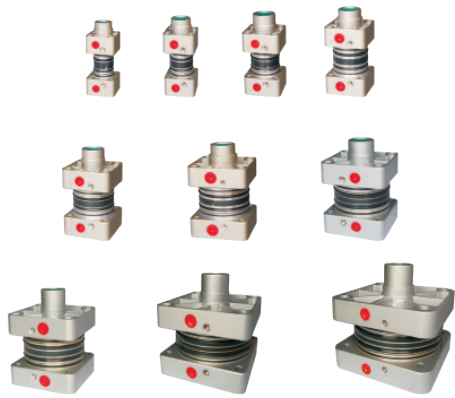
BITEBI®

Pneumatic CYLINDRE KIT and Barrel



无锡比特比机械科技有限公司
WUXI BITEBI MACHINERY TECHNOLOGY CO.,LTD

CYLINDRE KIT



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Rod



Rod..... P84

Tie Rod

Tie Rod..... P88

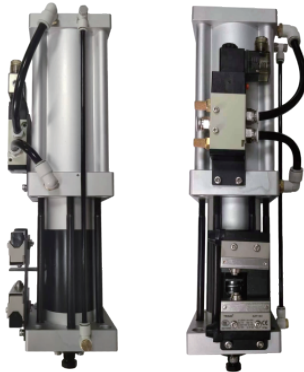
ACTUATORS

Parts



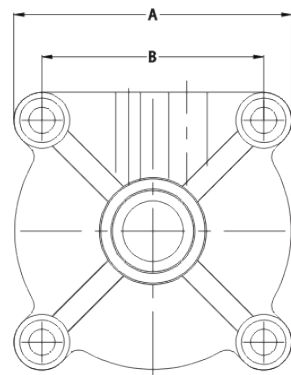
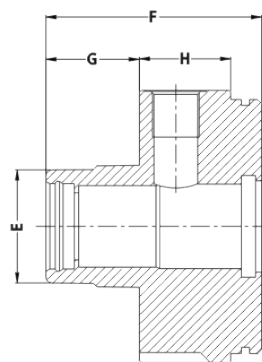
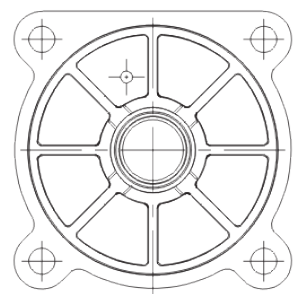
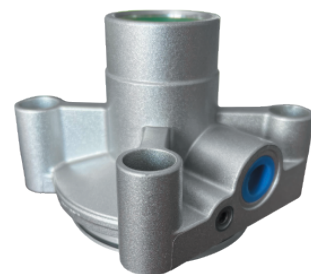
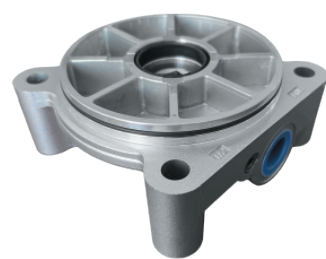
Parts..... P92

Boosting Cylinder



Boosting Cylinder..... P94
Tyre changer cylinder..... P96

ACTUATORS



DSBC $\phi 32 - \phi 125$ 端盖/Head						
规格/Spc. 代号/Code	A	B	E	F	G	H
32	45.5	32.5	30	51	18	25
40	51.5	38	35	59.5	22	29.5
50	64.5	46.5	40	67.4	27.9	29.5
63	75	56.5	45	70.5	28.5	35.5
80	93.5	72	44.5	83	34.5	36
100	111.5	89	54.6	87	38	39
125	136	110	60	106.5	46	45

配件订购码/Kit Ordering Code

DSBC **G** - **50** - **H** - **S** - **N**

C:use DSBC tube 缸径/Bore
G:use round tube $\phi 32 - \phi 125$

密封圈材质/
Gasket Material
空白 TPU
H FKM
N NBR
Heavy duty Rod seal
E8 (PTFE+FKM)
K56 (PTFE+NBR)

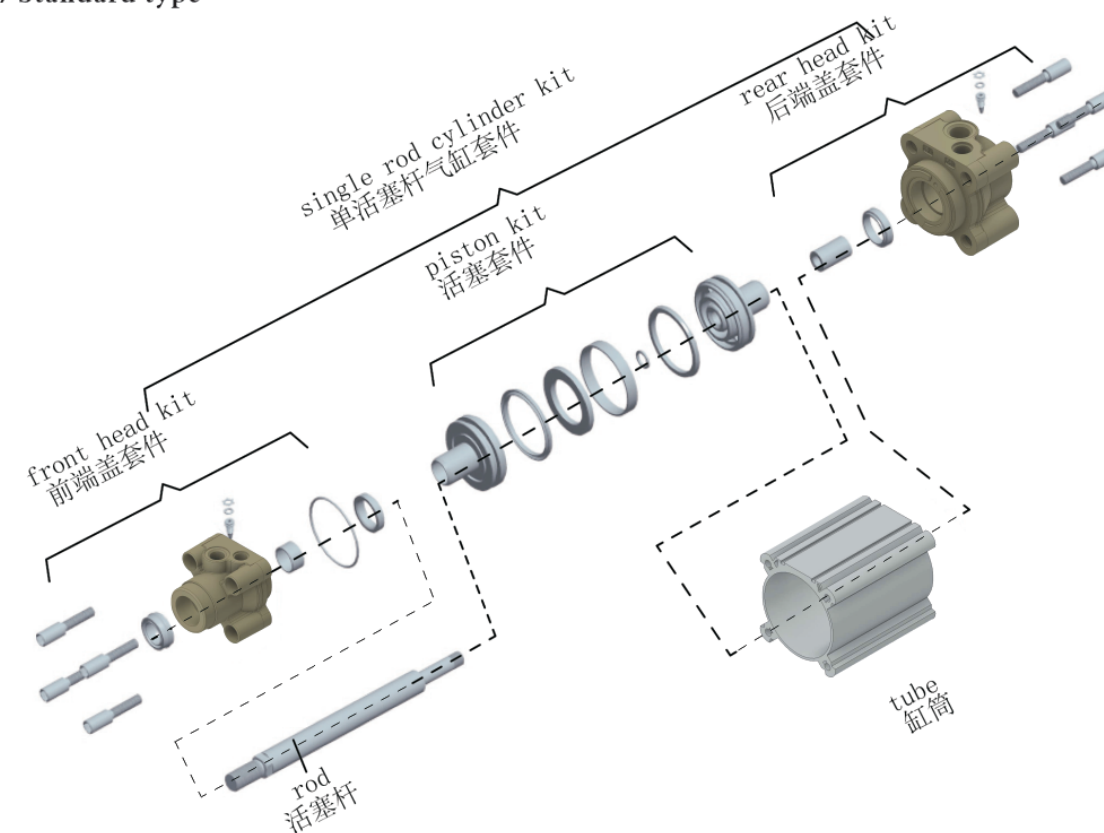
磁石代号/
Magnet Code
空白:不带磁
Blank:Without magnet
S:附磁石
s:With magnet

牙型代码/
Thread Code
空白:G牙
Blank:G thread
N:NPT牙
N:NPT thread
P:PT牙
P:PT thread

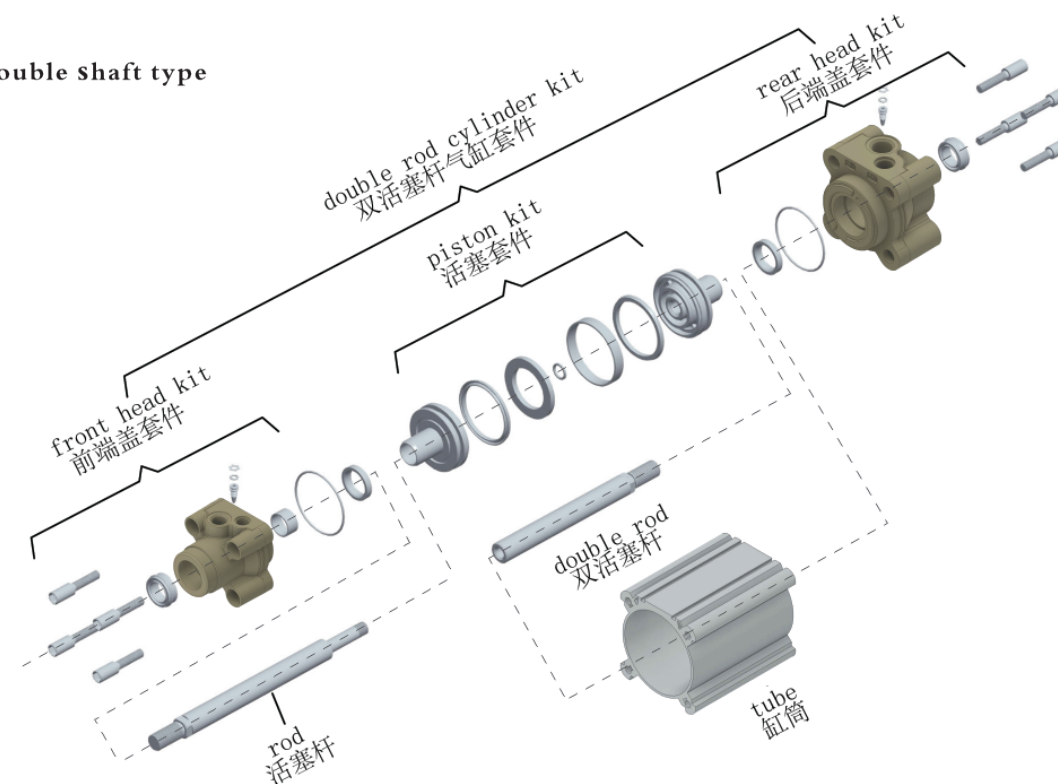
规格/Specification

内径/Bore (mm)	32	40	50	63	80	100	125
普通高温范围/Available temperature $^{\circ}\text{C}$	-10~250						
缓冲行程/Cushioning travel (mm)	25	26	30.5	31	40	41	35
接管口径/Port size	G1/8	G1/4	G3/8		G1/2		

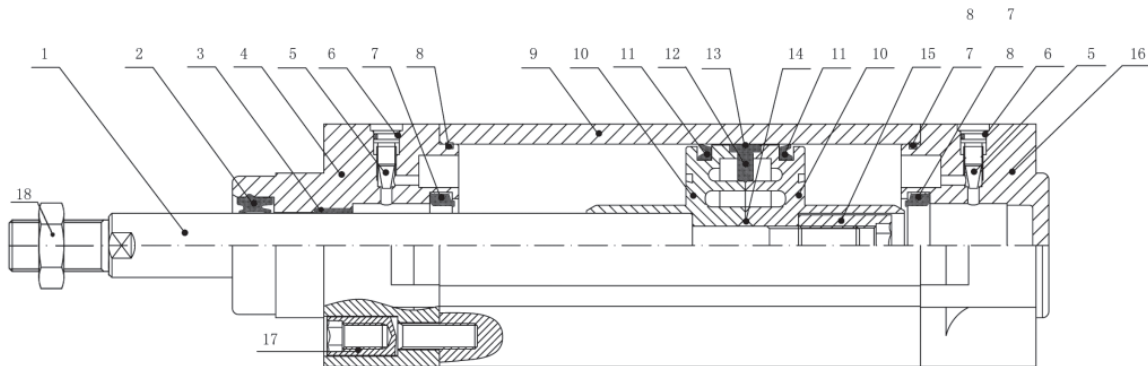
标准型/Standard type



双轴型/Double shaft type



内部结构及主要零件材质/Inner structure and material list for main parts

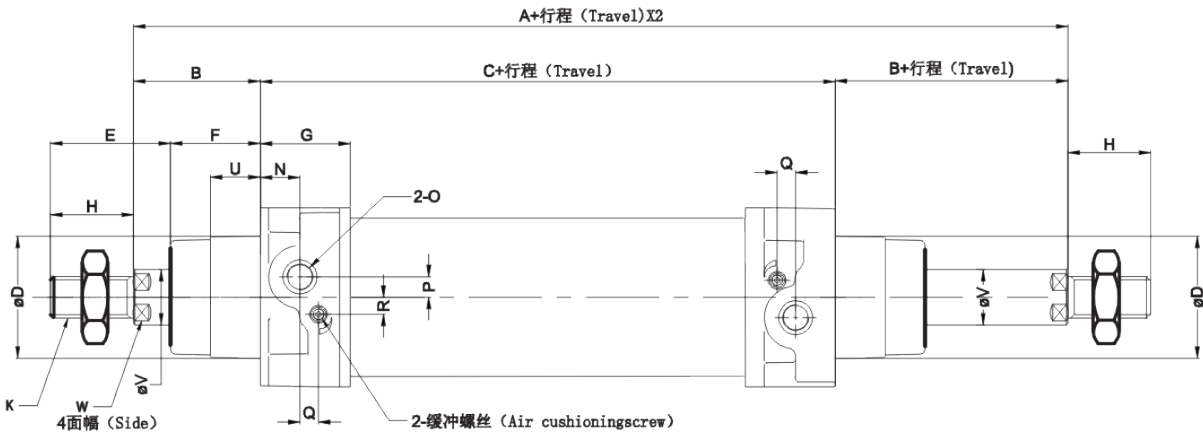
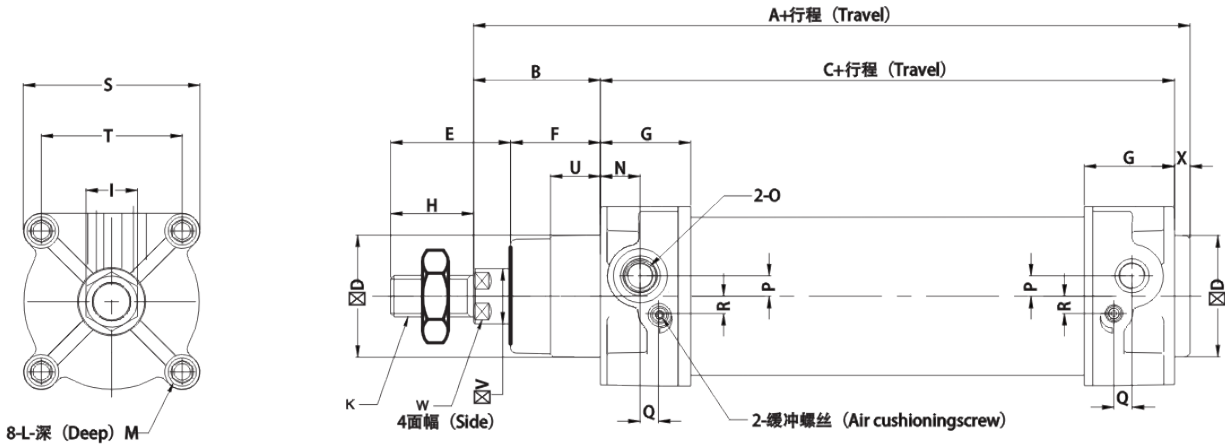


序号 No	名称 Name	材质 Material	序号 No	名称 Name	材质 Material
1	活塞杆 Piston rod	碳钢 Carbon steel	10	活塞 Piston	铝合金 Aluminim alloy
2	防尘圈 Anti dust seals	PU	11	活塞圈 Piston ring	NBR
3	含油轴承 Oil bearing	钢基粉末合金 Sinterized bronze	12	磁环 Magnet	铁氧体 Ferrite
4	前端盖 Front cover	铝合金 Aluminim alloy	13	导向带 Wearing ring	POM
5	针阀 Air cushioning screw	黄铜 Brass	14	轴芯垫 O-ring for piston and piston rod	NBR
6	针阀O型圈 O-ring for air cushioning screw	NBR	15	活塞螺帽 Nut for piston	碳钢 Carbon steel
7	缓冲圈 Cushioning seals	NBR	16	后端盖 Back cover	铝合金 Aluminium alloy
8	管壁O型圈 O-ring for front cover	NBR	17	拉杆螺丝 Tie-rod screw	碳钢 Carbon steel
9	缸筒 Tube	铝合金 Aluminium alloy	18	活塞杆螺帽 Nut for piston rod	碳钢 Carbon steel

密封件/Packing and O-Ring List

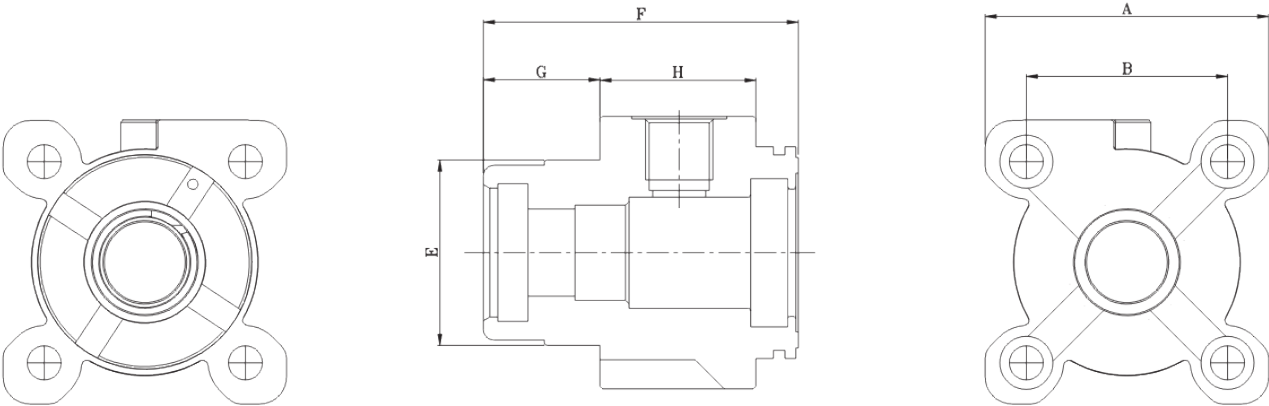
规格 Item	防尘圈 Rod packing	缓冲圈 Cushion packing	端盖O型圈 End cover O-Ring	磁环 Magnetic Ring	活塞圈 Piston	轴心圈 Piston O-Ring	缓冲O型圈 Cushion O-Ring
数量 No.	1	2	2	2	2	1	2
直径 Bore size mm							
φ 32	BEU-1220	BPP-1622	φ 32※ φ 1.9	φ 27.5※ φ 16※5	B-QZ8-3224	φ 12※ φ 2	φ 8※ φ 1.5
φ 40	BEU-1626	BPP-2028	φ 40※ φ 1.9	φ 35.5※ φ 20※5	B-QZ8-4032	φ 14※ φ 2.4	φ 8※ φ 1.5
φ 50	BEU-2030	BPP-2533	φ 50※ φ 1.9	φ 45.5※ φ 22※5	B-QZ8-5042	φ 16※ φ 2.4	φ 8※ φ 1.5
φ 63	BEU-2030	BPP-2533	φ 63※ φ 1.9	φ 58.5※ φ 40※5	B-QZ8-6353	φ 16※ φ 2.4	φ 8※ φ 1.5
φ 80	BEU-2535	BPP-3040	φ 80※ φ 1.9	φ 75.5※ φ 58※5	B-QZ8-8070	φ 22※ φ 3.5	φ 8※ φ 1.5
φ 100	BEU-2535	BPP-3040	φ 100※ φ 1.9	φ 95.5※ φ 77※5	B-QZ8-10090	φ 22※ φ 3.5	φ 8※ φ 1.5
φ 125	BEU-3242	BPP-4050	φ 125※ φ 3.5	φ 119.5※ φ 96※5	B-QGP φ 110※9.5	φ 20※ φ 2.4	φ 12※ φ 1.5

基本尺寸/Basic specification



安装形式参考DNG Mounting dimension reference DNG series

规格/Sp. 代号/Code	A	A1	B	C	D	E	F	G	H	I	K	L
32	120	146	26	94	30	30	18	25	22	17	M10X1.25	M6
40	135	165	30	105	35	32	22	29.5	24	19	M12X1.25	M6
50	143	180	37	106	40	41.1	27.9	29.5	32	24	M16X1.5	M8
63	158	195	37	121	45	40.5	28.5	35.5	32	24	M16X1.5	M8
80	174	220	46	128	44.5	51.5	34.5	36	40	30	M20X1.5	M10
100	189	240	51	138	54.6	53	38	39	40	30	M20X1.5	M10
125	225	290	65	160	60	73	46	45	54	36	M27X2	M12
规格/Sp. 代号/Code	M	N	O	P	Q	R	S	T	U	V	W	X
32	9.5	12.5	G1/8	4.5	5.5	5.5	45.5	32.5	10	12	10	4
40	9.5	14.5	G1/4	6	7	7.5	51.5	38	10	16	13	4
50	9.5	13.9	G1/4	8.5	4.5	7.5	64.5	46.5	11	20	17	4
63	9.5	19.9	G3/8	8	2.5	11.1	75	56.5	15	20	17	4
80	11.5	17	G3/8	7	9	11	93.5	72	15.5	25	22	4
100	11.5	17	G1/2	9	9	12	111.5	89	19	25	22	4
125	11.5	18	G1/2	8	14	13	136	110	20	32	27	6



CP96 φ 32-φ 125端盖/Head						
规格/Spc. 代号/Code	A	B	E	F	G	H
32	47	32.5	30	51	18	27
40	54	38	35	59.5	22	31.5
50	66	46.5	40	67.4	27.9	32
63	77	56.5	45	70.5	28.5	36
80	99	72	45	83	34.5	38.5
100	118	89	55	87	38	43
125	140	110	60	106.5	46	45

配件订购码/Kit Ordering Code

CP96 E - 50 - H - S - N

空白:DRP
Blank:DRP
E:EU

缸径/Bore
φ32-φ125

密封圈材质/
Gasket Material
空白 TPU
H FKM
N NBR
Heavy dutyRod seal
E8 (PTFE+FKM)
K56 (PTFE+NBR)

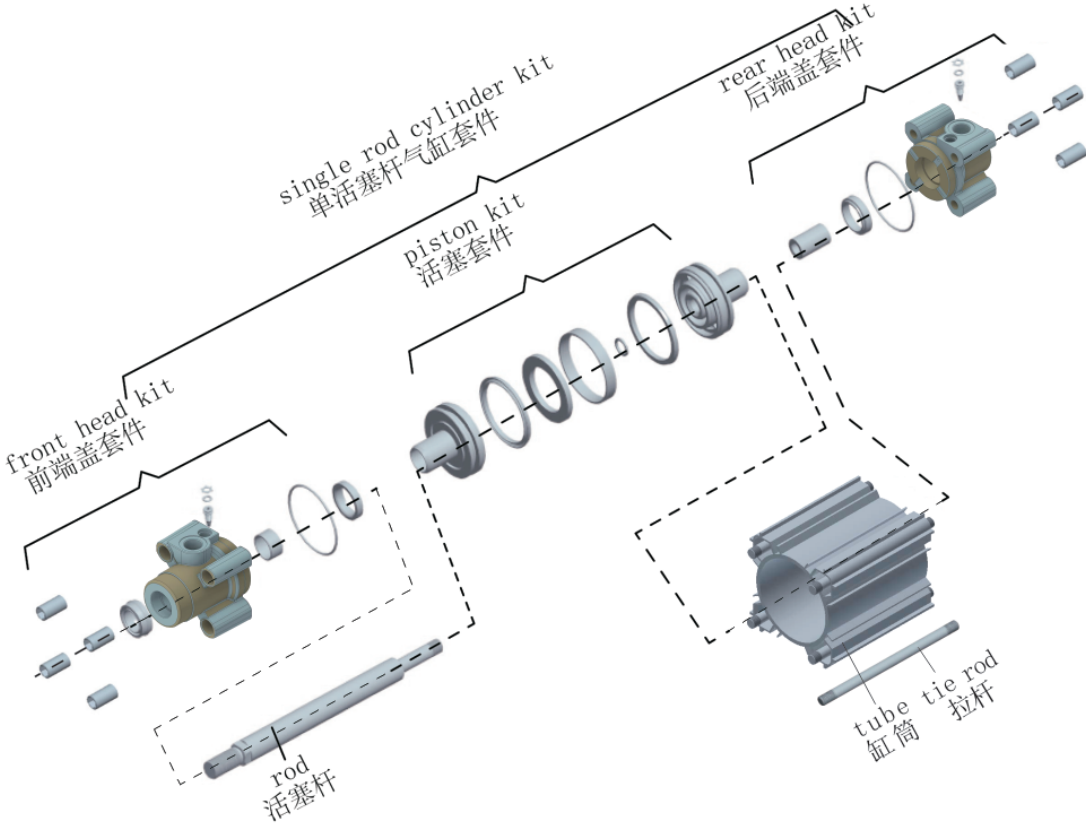
磁石代号/
Magnet Code
空白:不带磁
Blank:Without
magnet
S:附磁石
s:With magnet

牙型代码/
Thread Code
空白:G牙
Blank:G thread
N:NPT牙
N:NPT thread
P:PT牙
P:PT thread

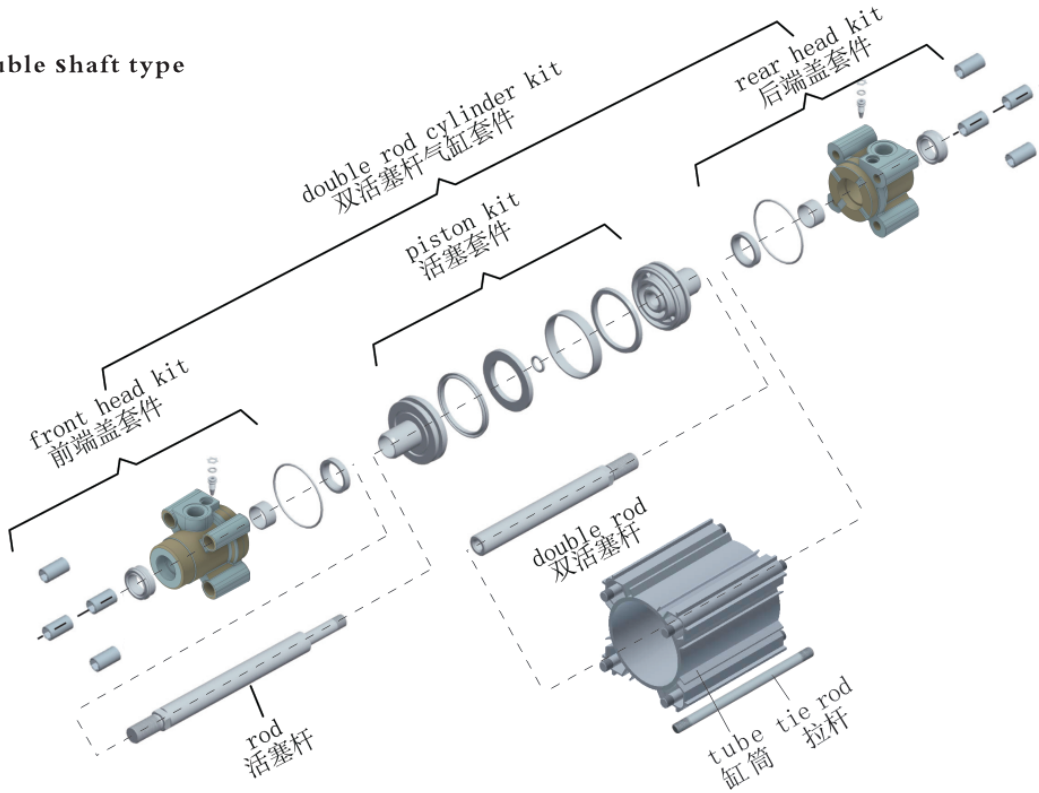
规格/Specification

内径/Bore (mm)	32	40	50	63	80	100	125
普通高温范围/Available temperature °C	-10~250						
缓冲行程/Cushioning travel (mm)	25	26	30.5	31	40	41	35
接管口径/Port size	G1/8	G1/4	G3/8		G1/2		

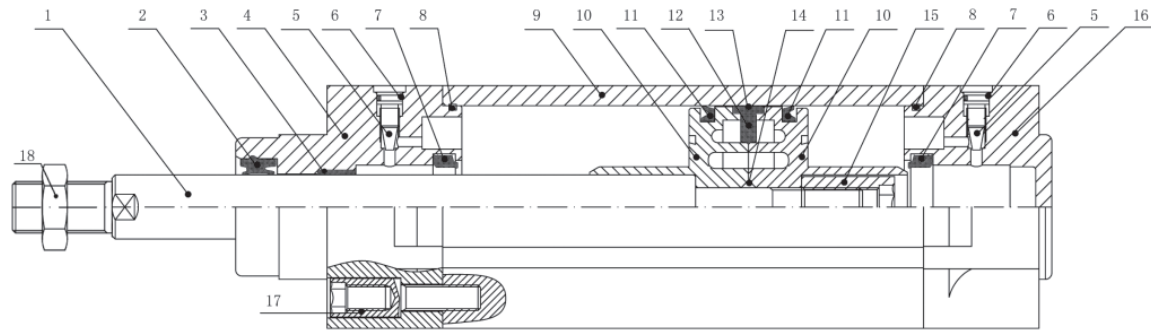
标准型/Standard type



双轴型/Double shaft type



内部结构及主要零件材质/Inner structure and material list for main parts

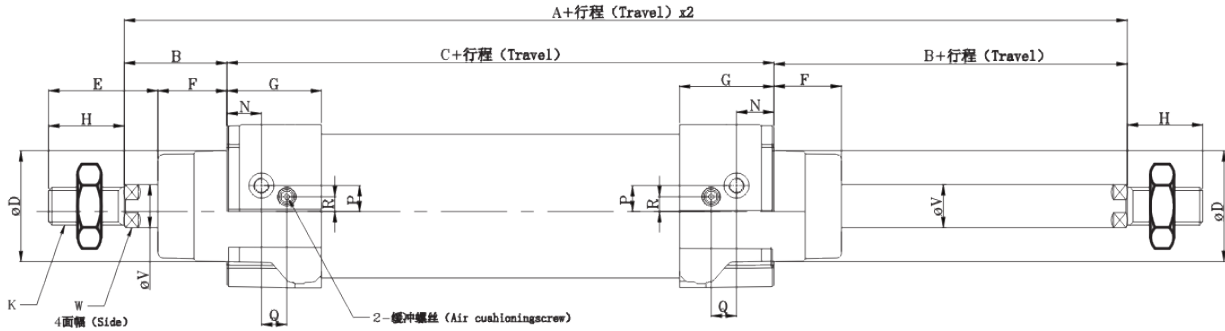
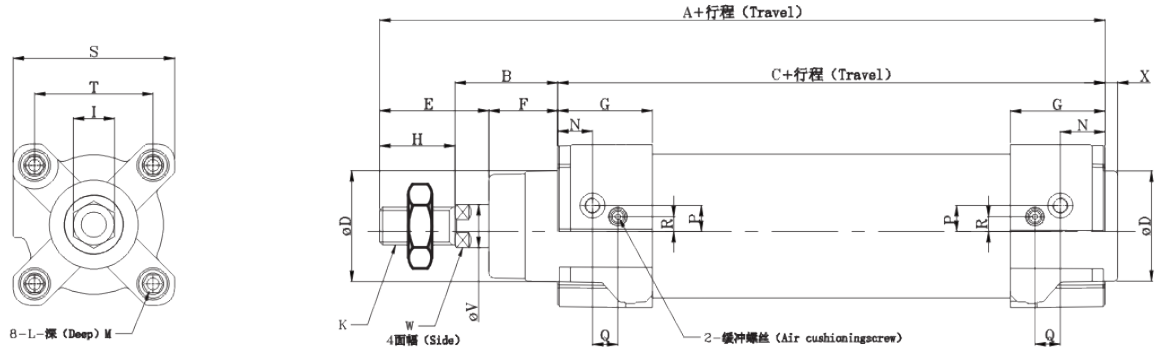


序号 No	名称 Name	材质 Material	序号 No	名称 Name	材质 Material
1	活塞杆 Piston rod	碳钢 Carbon steel	10	活塞 Piston	铝合金 Aluminim alloy
2	防尘圈 Anti dust seals	PU	11	活塞圈 Piston ring	NBR
3	含油轴承 Oil bearing	钢基粉末合金 Sinterized bronze	12	磁环 Magnet	铁氧体 Ferrite
4	前端盖 Front cover	铝合金 Aluminim alloy	13	导向带 Wearing ring	POM
5	针阀 Air cushioning screw	黄铜 Brass	14	轴芯垫 O-ring for piston and piston rod	NBR
6	针阀O型圈 O-ring for air cushioning screw	NBR	15	活塞螺帽 Nut for piston	碳钢 Carbon steel
7	缓冲圈 Cushioning seals	NBR	16	后端盖 Back cover	铝合金 Aluminium alloy
8	管壁O型圈 O-ring for front cover	NBR	17	拉杆螺丝 Tie-rod screw	碳钢 Carbon steel
9	缸筒 Tube	铝合金 Aluminium alloy	18	活塞杆螺帽 Nut for piston rod	碳钢 Carbon steel

密封件/Packing and O-Ring List

规格 Item	防尘圈 Rod packing	缓冲圈 Cushion packing	端盖O型圈 End cover O-Ring	磁环 Magnetic Ring	活塞圈 Piston	轴心圈 Piston O-Ring	缓冲O型圈 Cushion O-Ring
数量 No.	1	2	2	2	2	1	2
直径 Bore size mm							
φ 32	BEU-1220	BPP-1622	φ 32※ φ 1.9	φ 27.5※ φ 16※5	B-QZ8-3224	φ 12※ φ 2	φ 8※ φ 1.5
φ 40	BEU-1626	BPP-2028	φ 40※ φ 1.9	φ 35.5※ φ 20※5	B-QZ8-4032	φ 14※ φ 2.4	φ 8※ φ 1.5
φ 50	BEU-2030	BPP-2533	φ 50※ φ 1.9	φ 45.5※ φ 22※5	B-QZ8-5042	φ 16※ φ 2.4	φ 8※ φ 1.5
φ 63	BEU-2030	BPP-2533	φ 63※ φ 1.9	φ 58.5※ φ 40※5	B-QZ8-6353	φ 16※ φ 2.4	φ 8※ φ 1.5
φ 80	BEU-2535	BPP-3040	φ 80※ φ 1.9	φ 75.5※ φ 58※5	B-QZ8-8070	φ 22※ φ 3.5	φ 8※ φ 1.5
φ 100	BEU-2535	BPP-3040	φ 100※ φ 1.9	φ 95.5※ φ 77※5	B-QZ8-10090	φ 22※ φ 3.5	φ 8※ φ 1.5
φ 125	BEU-3242	BPP-4050	φ 125※ φ 3.5	φ 119.5※ φ 96※5	B-QGP φ 110※9.5	φ 20※ φ 2.4	φ 12※ φ 1.5

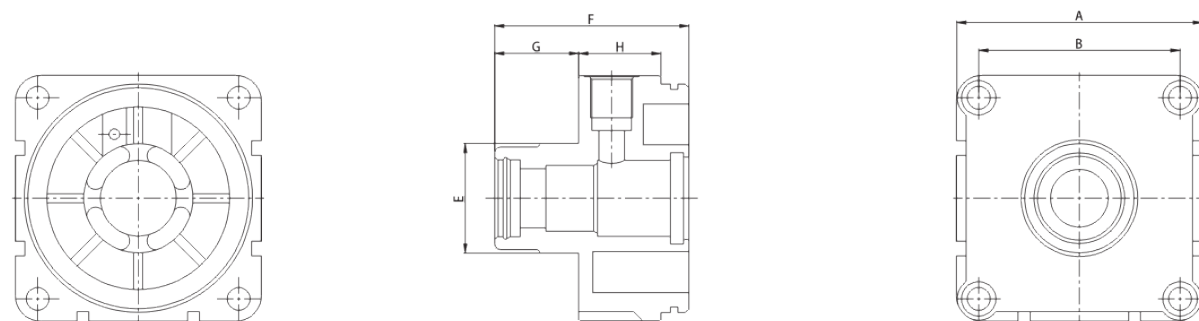
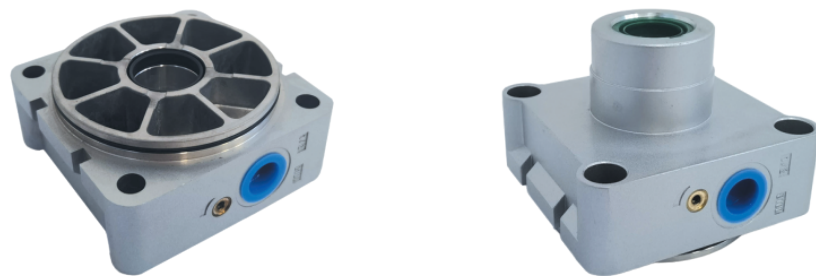
基本尺寸/Basic specification



安装形式参考DNC Mounting dimension reference DNC series

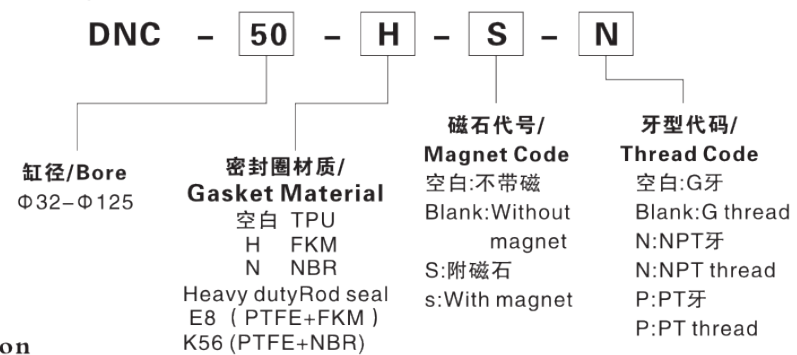
规格/Spc. 代号/Code	A	A1	B	C	D	E	F	G	H	I	K
32	120	146	26	94	30	30	18	27	22	17	M10X1.25
40	135	165	30	105	35	32	22	31.6	24	19	M12X1.25
50	143	180	37	106	40	41.1	27.9	32	32	24	M16X1.5
63	158	195	37	121	45	40.5	28.5	36	32	24	M16X1.5
80	174	220	46	128	45	51.5	34.5	38.5	40	30	M20X1.5
100	189	240	51	138	55	53	38	43	40	30	M20X1.5
125	225	290	65	160	60	73	46	45	54	36	M27X2

规格/Spc. 代号/Code	M	M	N	O	P	Q	R	S	T	V	W	X
32	M6	9.5	9.7	G1/8	4.5	11.8	4.5	47	32.5	12	10	4
40	M6	9.5	12.5	G1/4	6	13.5	9.1	54	38	16	13	4
50	M8	9.5	10.5	G1/4	8.5	15.3	9.6	66	46.5	20	17	4
63	M8	9.5	13.5	G3/8	8	17	8	77	56.5	20	17	4
80	M10	11.5	14	G3/8	11	17.5	6	99	72	25	22	4
100	M10	11.5	17.5	G1/2	19	18.5	8	118	89	25	22	4
125	M12	11.5	18	G1/2	21.5	18	6	140	110	32	27	6



B-DNC $\phi 32 - \phi 125$ 端盖/Head						
规格/Spc. 代号/Code	A	B	E	F	G	H
$\phi 32$	45.5	32.5	$\phi 30$	51	18	25
$\phi 40$	51.5	38	$\phi 35$	59.5	22	29.5
$\phi 50$	64.5	46.5	$\phi 40$	67.4	27.9	29.5
$\phi 63$	75.5	56.5	$\phi 45$	70.5	28.5	35.5
$\phi 80$	93.5	72	$\phi 45$	83	34.5	36
$\phi 100$	111.5	89	$\phi 55$	87	38	39
$\phi 125$	134.5	110	$\phi 60$	106.5	46	45

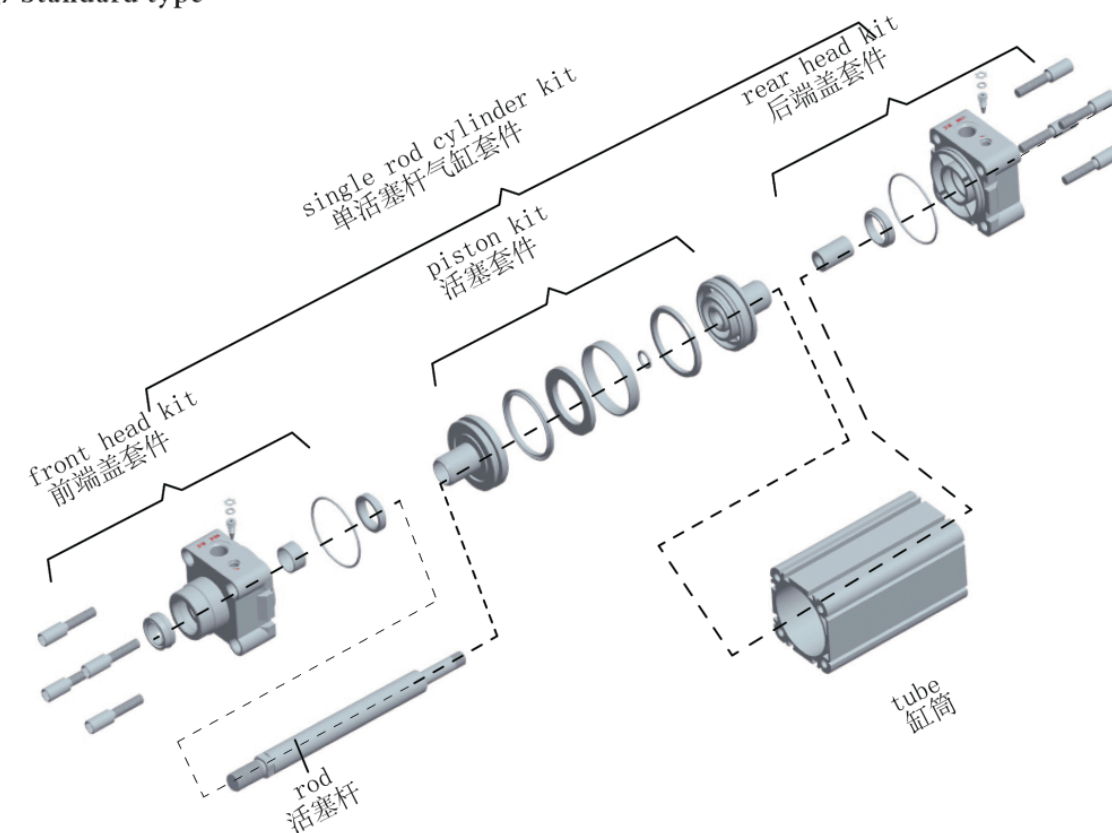
配件订购码/Kit Ordering Code



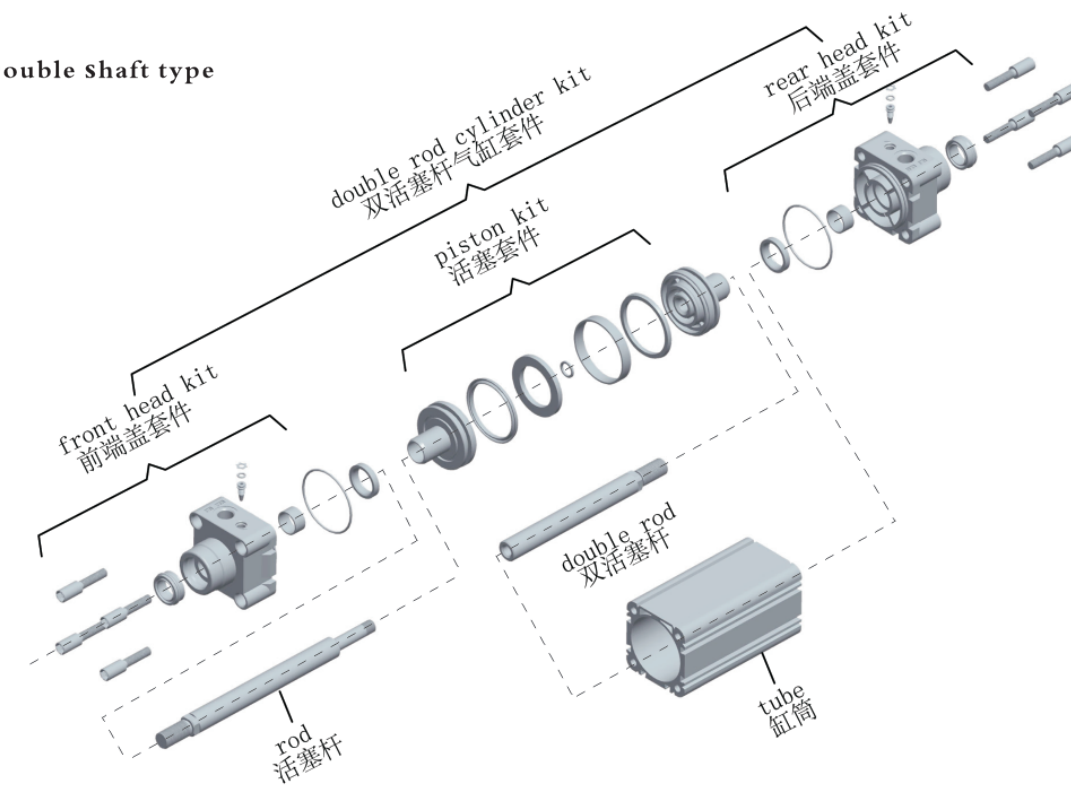
规格/Specification

内径/Bore (mm)	32	40	50	63	80	100	125
普通高温范围/Available temperature $^{\circ}\text{C}$	-10~250						
缓冲行程/Cushioning travel (mm)	25	26	30.5	31	40	41	35
接管口径/Port size	G1/8	G1/4	G3/8		G1/2		

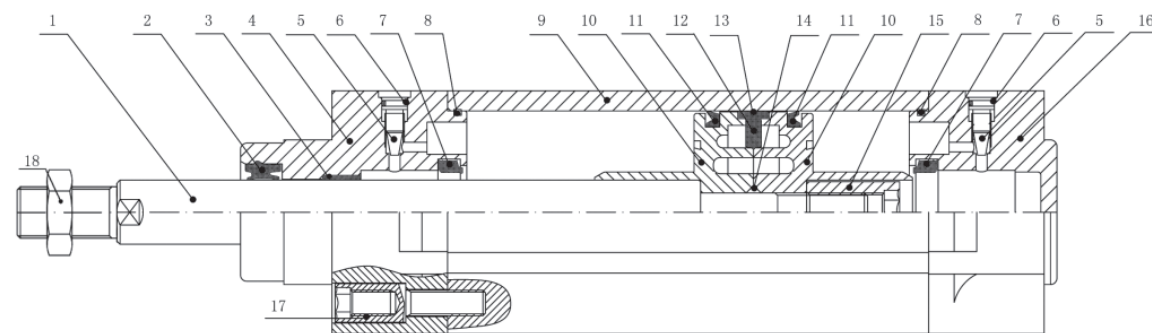
标准型/Standard type



双轴型/Double shaft type



内部结构及主要零件材质/Inner structure and material list for main parts



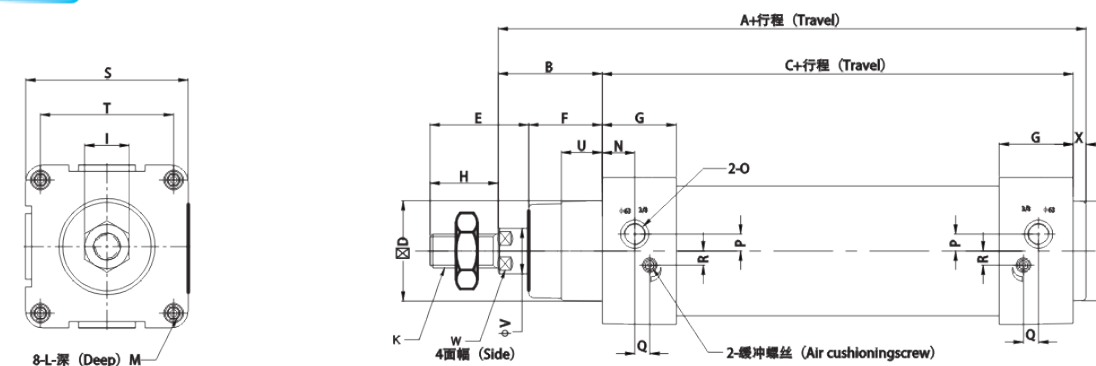
序号 No	名称 Name	材质 Material	序号 No	名称 Name	材质 Material
1	活塞杆 Piston rod	碳钢 Carbon steel	10	活塞 Piston	铝合金 Aluminim alloy
2	防尘圈 Anti dust seals	PU	11	活塞圈 Piston ring	NBR
3	含油轴承 Oil bearing	钢基粉末合金 Sinterized bronze	12	磁环 Magnet	铁氧体 Ferrite
4	前端盖 Front cover	铝合金 Aluminim alloy	13	导向带 Wearing ring	POM
5	针阀 Air cushioning screw	黄铜 Brass	14	轴芯垫 O-ring for piston and piston rod	NBR
6	针阀O型圈 O-ring for air cushioning screw	NBR	15	活塞螺帽 Nut for piston	碳钢 Carbon steel
7	缓冲圈 Cushioning seals	NBR	16	后端盖 Back cover	铝合金 Aluminium alloy
8	管壁O型圈 O-ring for front cover	NBR	17	拉杆螺丝 Tie-rod screw	碳钢 Carbon steel
9	缸筒 Tube	铝合金 Aluminium alloy	18	活塞杆螺帽 Nut for piston rod	碳钢 Carbon steel

密封件/Packing and O-Ring List

规格 Item	防尘圈 Rod packing	缓冲圈 Cushion packing	端盖O型圈 End cover O-Ring	磁环 Magnetic Ring	活塞圈 Piston	轴心圈 Piston O-Ring	缓冲O型圈 Cushion O-Ring
数量 No.	1	2	2	2	2	1	2
直径 Bore size mm							
φ 32	BEU-1220	BPP-1622	φ 32※ φ 1.9	φ 27.5※ φ 16※5	B-QZ8-3224	φ 12※ φ 2	φ 8※ φ 1.5
φ 40	BEU-1626	BPP-2028	φ 40※ φ 1.9	φ 35.5※ φ 20※5	B-QZ8-4032	φ 14※ φ 2.4	φ 8※ φ 1.5
φ 50	BEU-2030	BPP-2533	φ 50※ φ 1.9	φ 45.5※ φ 22※5	B-QZ8-5042	φ 16※ φ 2.4	φ 8※ φ 1.5
φ 63	BEU-2030	BPP-2533	φ 63※ φ 1.9	φ 58.5※ φ 40※5	B-QZ8-6353	φ 16※ φ 2.4	φ 8※ φ 1.5
φ 80	BEU-2535	BPP-3040	φ 80※ φ 1.9	φ 75.5※ φ 58※5	B-QZ8-8070	φ 22※ φ 3.5	φ 8※ φ 1.5
φ 100	BEU-2535	BPP-3040	φ 100※ φ 1.9	φ 95.5※ φ 77※5	B-QZ8-10090	φ 22※ φ 3.5	φ 8※ φ 1.5
φ 125	BEU-3242	BPP-4050	φ 125※ φ 3.5	φ 119.5※ φ 96※5	B-QGP φ 110※9.5	φ 20※ φ 2.4	φ 12※ φ 1.5

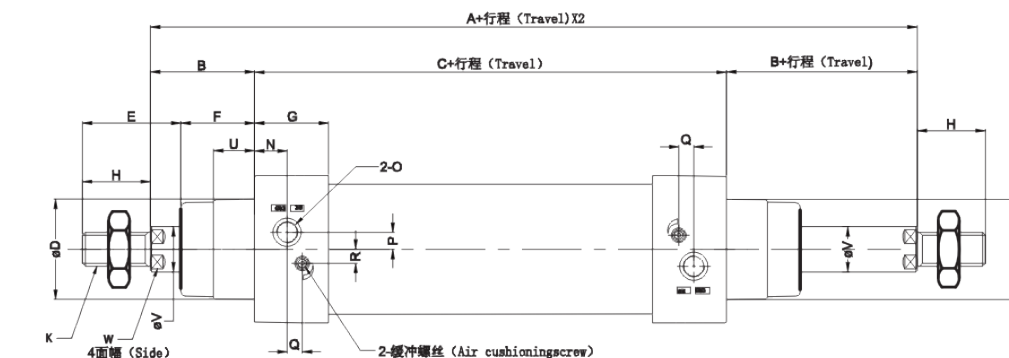
基本尺寸/Basic specification

φ 32~φ 125



基本尺寸/Basic specification

φ 32~φ 125

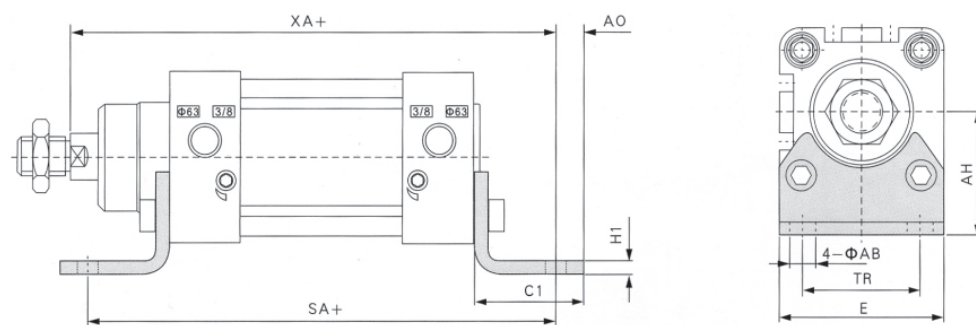


规格/Spc. 代号/Code	A	A1	B	C	D	E	F	G	H	I	K	L
32	120	146	26	94	30	30	18	25	22	17	M10X1.25	M6
40	135	165	30	105	35	32	22	29.5	24	19	M12X1.25	M6
50	143	180	37	106	40	41.1	27.9	29.5	32	24	M16X1.5	M8
63	158	195	37	121	45	40.5	28.5	35.5	32	24	M16X1.5	M8
80	174	220	46	128	45	51.5	34.5	36	40	30	M20X1.5	M10
100	189	240	51	138	50	53	38	39	40	30	M20X1.5	M10
125	225	290	65	160	60	73	46	45	54	36	M27X2	M12

规格/Spc. 代号/Code	M	N	O	P	Q	R	S	T	U	V	W	X
32	9.5	12.5	G1/8	5.5	5.5	7.2	45.5	32.5	10	12	10	4
40	9.5	14.5	G1/4	6	7	7.5	51.5	38	10	16	13	4
50	9.5	14.5	G1/4	8.5	4.5	8.5	64.5	46.5	11.5	20	17	4
63	9.5	18	G3/8	10	2	12	75.5	56.5	15	20	17	4
80	11.5	18	G3/8	12.7	1	8	93.5	72	15.7	25	22	4
100	11.5	20	G1/2	11.8	4	10	111.5	89	19.2	25	22	4
125	11.5	18	G1/2	8	14	13	134.5	110	20.5	32	27	6

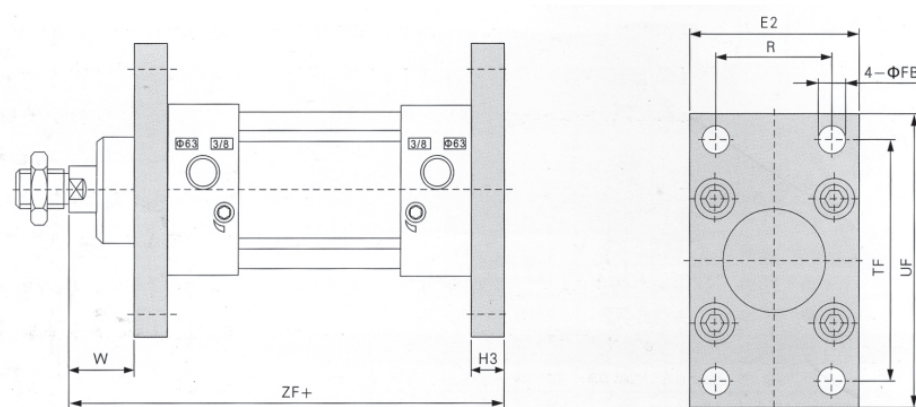
■ 安装附件/Mounting accessories kit

B-ISO-LB



缸径/Bore(mm)	AB	AH	AO	CI	E	H1	SA	TR	XA
32	7	32	8	32	47	3	142	32	144
40	9	36	9	37	53	3	161	36	163
50	9	45	10	42	65	3	170	45	175
63	9	50	12	44	75	3	185	50	190
80	12.5	63	19	60	95	4	210	63	215
100	14.5	71	19	60	115	4	220	75	230
125	16.5	90	20	65	140	8	250	90	270

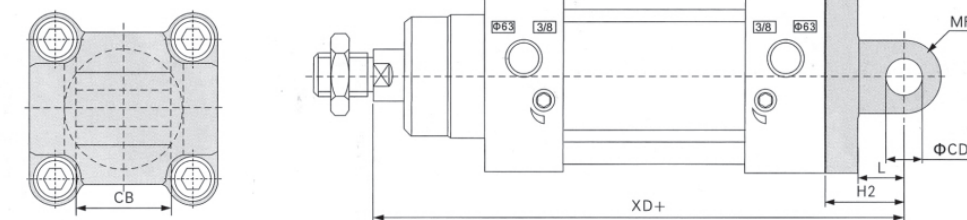
B-ISO-FA、FB



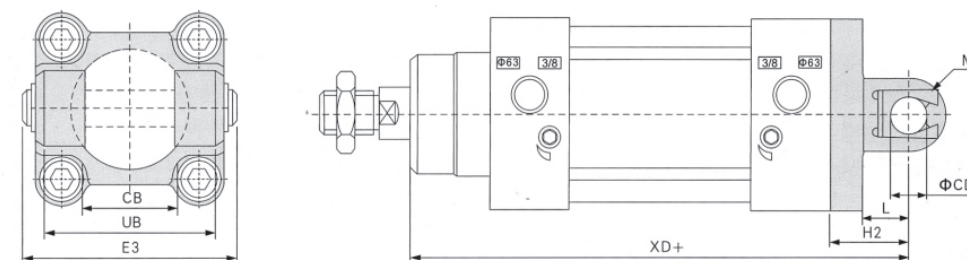
缸径/Bore(mm)	E2	FB	H3	R	TF	UF	W	ZF
32	47	7	10	32	64	80	26	122
40	53	9	10	36	72	90	30	135
50	65	9	12	45	90	108	37	143
63	75	9	12	50	100	118	37	158
80	95	12.5	16	63	126	150	46	174
100	115	14.5	16	75	150	176	51	189
125	139	16.5	20	90	160	218	65	225

■ 安装附件/Mounting accessories kit

B-ISO-CA

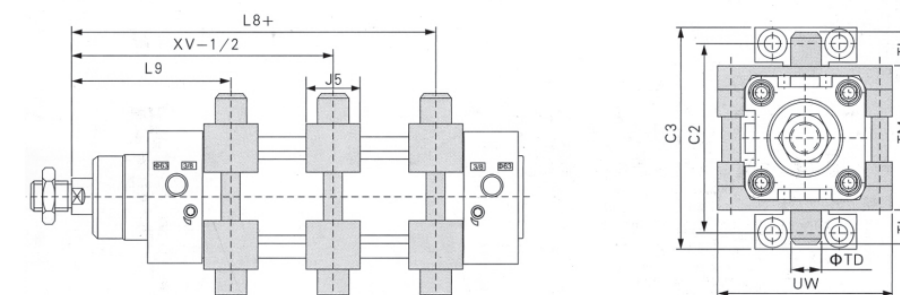


B-ISO-CB

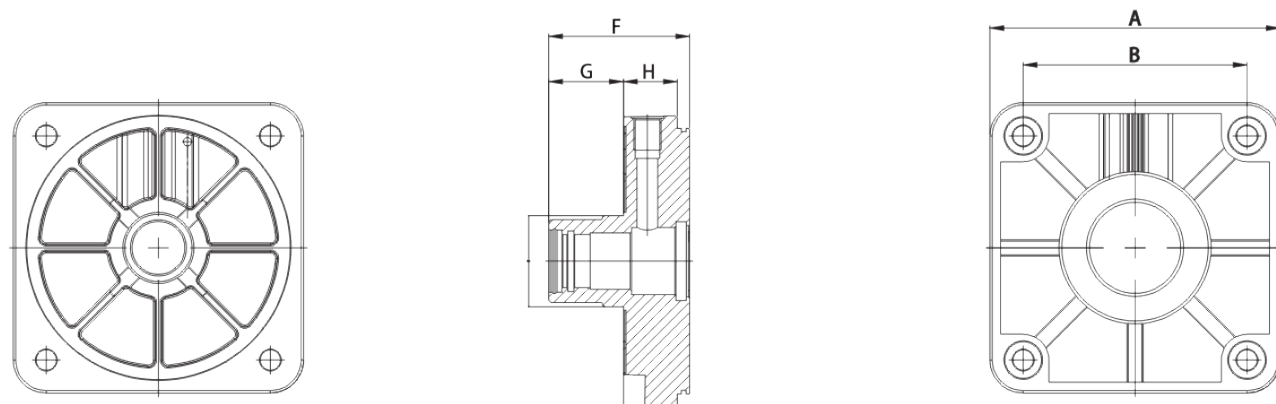
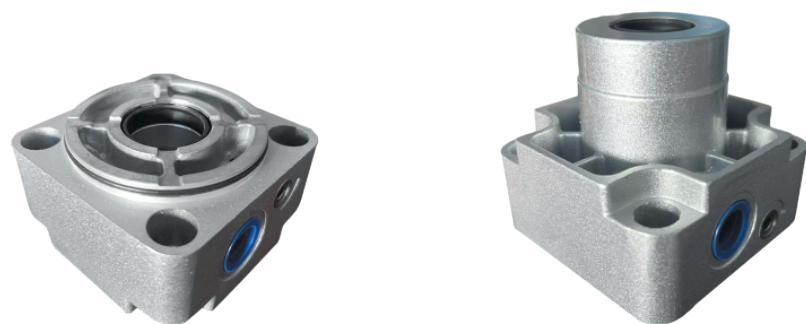


缸径/Bore(mm)	CB	CD	E3	H2	DJ	MR	UB	XD
32	25.8	10	46.5	22	13	10.5	45	142
40	27.8	12	54	25	16	12	52	160
50	31.7	12	64	27	17	12	60	170
63	39.7	16	75	32	22	15	70	190
80	49.7	16	93	36	22	15.5	90	210
100	59.7	20	110	41	27	20	110	230
125	69.7	25	134	50	33	24	130	275

B-DNC-TC



缸径/Bore(mm)	C2	C3	J5	L8	L9	TD	TL	TM	UW	XV
32	66	80	31	80	66	31	11	50	68	73
40	82	99	33	87.5	77.5	33	16	63	78	82.5
50	94	111	35	95.5	84.5	35	16	75	95	90
63	113.5	134	37	102.5	92.5	37	20	90	108	97.5
80	133.5	154	41	118	102	41	20	110	130	110
100	159.5	184	47	125	115	47	25	132	148	120
125	187.5	212	51	155	135	51	25	160	173	145

B-XDNG ϕ 32- ϕ 125端盖/Head

规格/Spc. 代号/Code	A	B	E	F	G	H
ϕ 32	47	32.5	ϕ 30	52	15	27
ϕ 40	53	38	ϕ 35	58.5	21	31
ϕ 50	65	46.5	ϕ 40	67.5	28	32
ϕ 63	75	56.5	ϕ 45	70	28	36
ϕ 80	95	72	ϕ 45	81.5	33	36
ϕ 100	115	89	ϕ 55	85	36	37
ϕ 125	140	110	ϕ 60	100.5	40	45

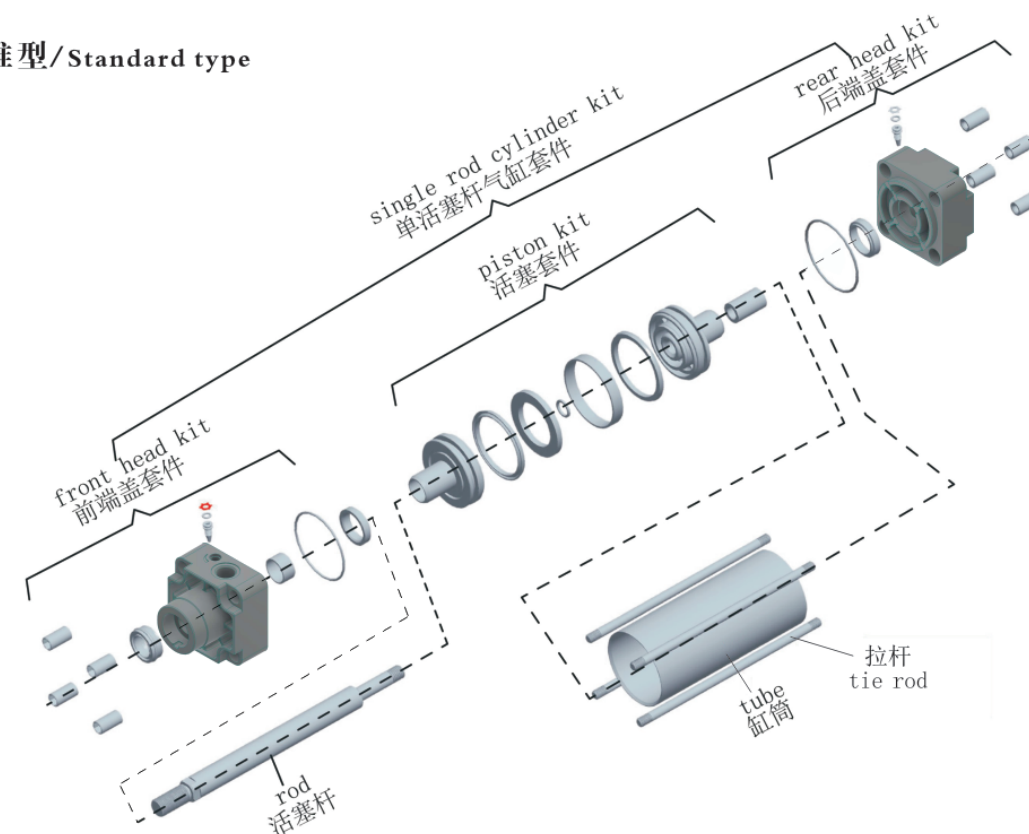
配件订购码/Kit Ordering Code

缸径/Bore ϕ 32- ϕ 125	密封圈材质/ Gasket Material	缸筒代号/ Tube Code	磁石代号/ Magnet Code	牙型代码/ Thread Code
空白:TPU Blank:TPU ① H:FKM N:NBR	空白:圆筒 Blank:Round tube ② #:米型筒 #:mickey mouse tube	空白:不带磁 Blank:Without magnet S:附磁石 s:With magnet	空白:G牙 Blank:G thread N:NPT牙 N:NPT thread P:PT牙 P:PT thread	

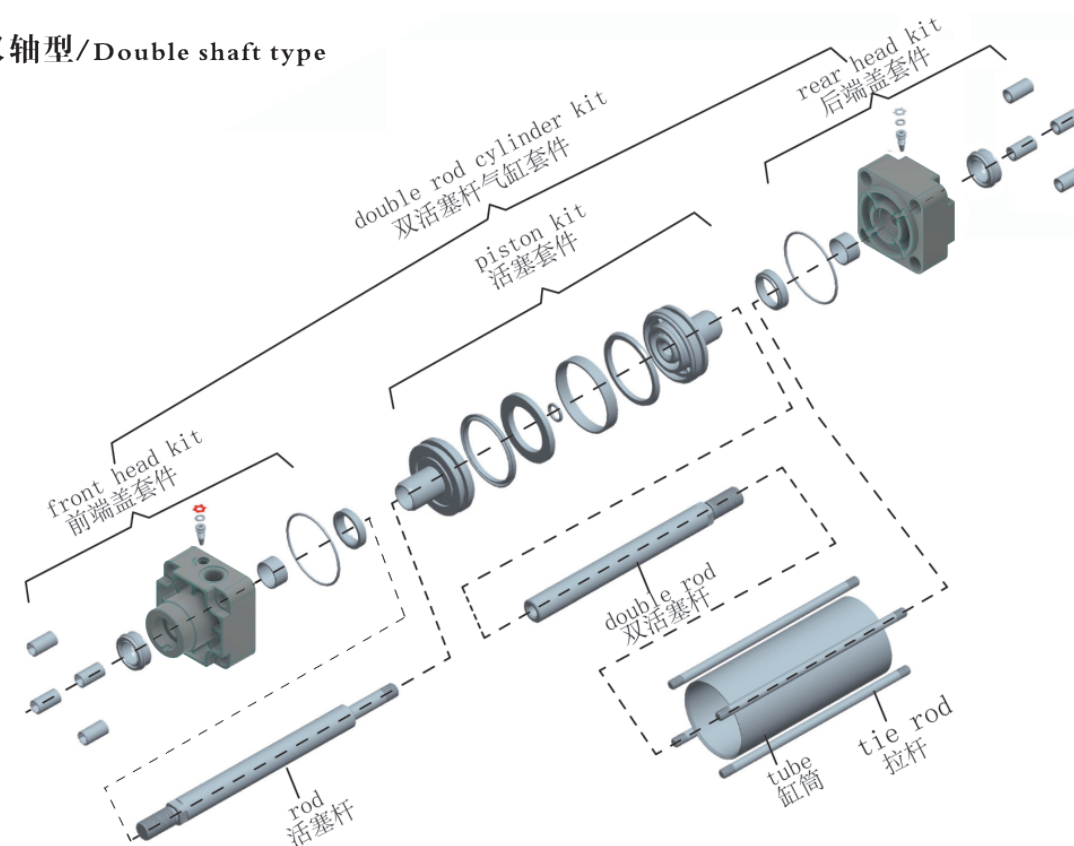
规格/Specification

内径/Bore (mm)	32	40	50	63	80	100	125
普通高温范围/Available temperature $^{\circ}\text{C}$	-10~250						
缓冲行程/Cushioning travel (mm)	25	26	30.5	31	40	41	35
接管口径/Port size	G1/8	G1/4	G3/8	G1/2			

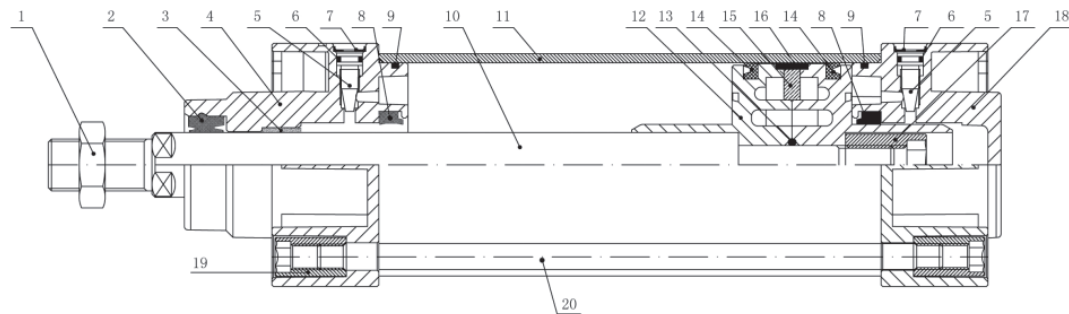
标准型/Standard type



双轴型/Double shaft type



内部结构及主要零件材质/Inner structure and material list for main parts

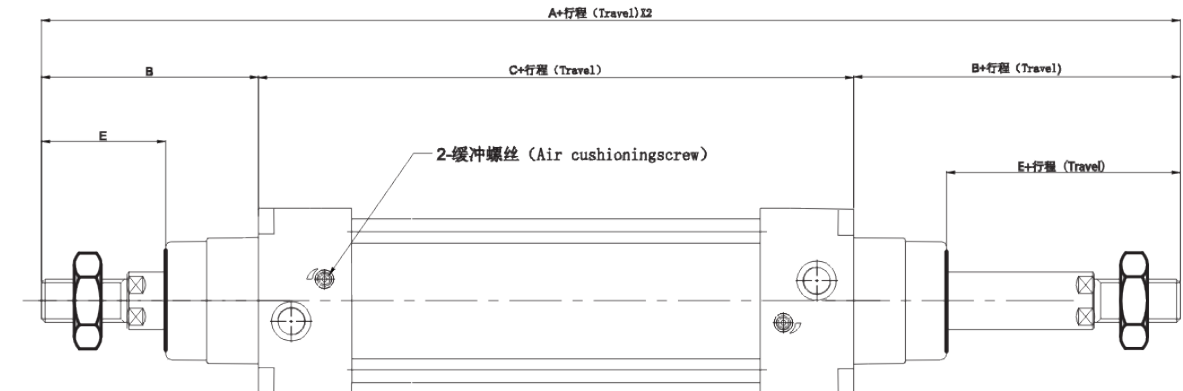
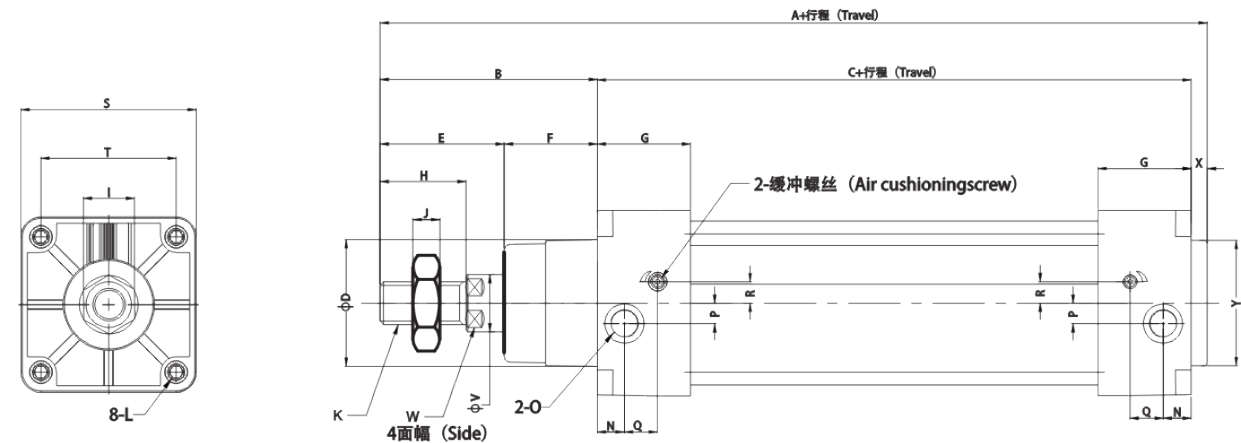


序号 No	名称 Name	材质 Material	序号 No	名称 Name	材质 Material
1	活塞杆螺帽 Nut for piston rod	碳钢 Carbon steel	11	缸筒 Tube	铝合金 Aluminium alloy
2	防尘圈 Anti dust seals	PU	12	活塞 Piston	铝合金 Aluminium alloy
3	含油轴承 Oil bearing	钢基粉末合金 Sinterized bronze	13	轴芯垫 O-ring for piston and piston rod	NBR
4	前端盖 Front cover	铝合金 Aluminim alloy	14	活塞圈 Piston ring	NBR
5	针阀 Air cushioning screw	59铜 H59 brass	15	磁环 Magnet	铁氧体 Ferrite
6	针阀O型圈 O-ring for air cushioning screw	NBR	16	导向带 Wearing ring	POM
7	针阀卡环 Snap ring for air cushion hole screw	弹簧钢 Spring steel	17	活塞固定螺帽 Nut for piston and piston rod fixed	碳钢 Carbon steel
8	缓冲圈 Cushioning seals	NBR	18	后端盖 Back cover	铝合金 Aluminium alloy
9	管壁O型圈 O-ring for front cover	NBR	19	拉杆螺丝 Tie-rod nuts & screw	碳钢 Carbon steel
10	活塞杆 Piston rod	碳钢 Carbon steel	20	拉杆 Tie-rod	碳钢 Carbon steel

密封件/Packing and O-Ring List

规格 item	防尘圈 Rod packing	缓冲圈 Cushion packing	端盖O型圈 End cover O-Ring	磁环 Magnetic Ring	活塞圈 Piston	轴心圈 Piston O-Ring	缓冲O型圈 Cushion O-Ring
直径 Bore size mm	数量No. 1	2	2	2	2	1	2
φ 32	BEU-1220	BPP-1622	φ 32※ φ 1.9	φ 27.5※ φ 16※5	B-QZ8-3224	φ 12※ φ 2	φ 8※ φ 1.5
φ 40	BEU-1626	BPP-2028	φ 40※ φ 1.9	φ 35.5※ φ 20※5	B-QZ8-4032	φ 14※ φ 2.4	φ 8※ φ 1.5
φ 50	BEU-2030	BPP-2533	φ 50※ φ 1.9	φ 45.5※ φ 22※5	B-QZ8-5042	φ 16※ φ 2.4	φ 8※ φ 1.5
φ 63	BEU-2030	BPP-2533	φ 63※ φ 1.9	φ 58.5※ φ 40※5	B-QZ8-6353	φ 16※ φ 2.4	φ 8※ φ 1.5
φ 80	BEU-2535	BPP-3040	φ 80※ φ 1.9	φ 75.5※ φ 58※5	B-QZ8-8070	φ 20※ φ 2.4	φ 8※ φ 1.5
φ 100	BEU-2535	BPP-3040	φ 100※ φ 1.9	φ 95.5※ φ 77※5	B-QZ8-10090	φ 22※ φ 3.5	φ 8※ φ 1.5
φ 125	BEU-3242	BPP-4050	φ 125※ φ 3.5	φ 119.5※ φ 96※5	B-QGP φ 110※9.5	φ 22※ φ 3.5	φ 12※ φ 1.5

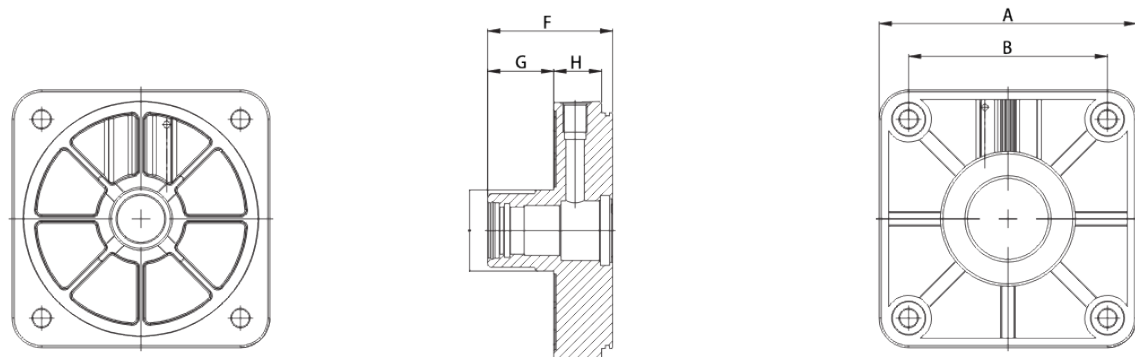
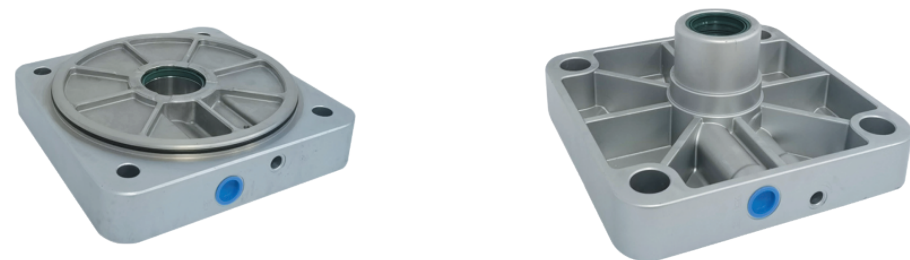
基本尺寸/Basic specification



安装形式参考DNG Mounting dimension reference DNG series

规格/Sp. 代号/Code	A	A1	B	C	D	E	F	G	H	I	K	L	N
32	142	190	48	94	30	29	19	27	22	17	M10X1.25	M6	11.7
40	159	213	54	105	35	33	21	31	24	19	M12X1.25	M6	15.3
50	175	244	69	106	40	41	28	32	32	24	M16X1.5	M8	16
63	190	259	69	121	45	41	28	36	32	24	M16X1.5	M8	20
80	214	300	86	128	45	53	33	36	40	30	M20X1.5	M10	19.5
100	229	320	91	138	55	55	36	37	40	30	M20X1.5	M10	18
125	279	395	119	160	60	79	40	45	54	36	M27X2	M12	26.5

规格/Sp. 代号/Code	O	P	Q	R	S	T	V	W	X	Y
32	G1/8	5.5	7	6	47	32.5	12	10	3	30
40	G1/4	6	7.7	8.5	53	38	16	13	4	35
50	G1/4	7	8	8	65	46.5	20	17	4	40
63	G3/8	7	10	11	75	56.5	20	17	5	45
80	G3/8	8.5	7.5	13.5	95	72	25	22	4	45
100	G1/2	9.5	8.5	13.5	115	89	25	22	4	55
125	G1/2	10	5	18	140	110	32	27	6	60



B-DNG $\phi 32 - \phi 400$ 端盖/Head						
规格/Sp. 代号/Code	A	B	E	F	G	H
$\phi 32$	47	32.5	$\phi 30$	52	19	27
$\phi 40$	53	38	$\phi 35$	58.5	21	31
$\phi 50$	65	46.5	$\phi 40$	66.5	27	31
$\phi 63$	75	56.5	$\phi 45$	69	27	33
$\phi 80$	95	72	$\phi 45$	81.5	33	36
$\phi 100$	115	89	$\phi 55$	85	36	37
$\phi 125$	140	110	$\phi 60$	100.5	40	45
$\phi 160$	180	140	$\phi 65$	120	55	50
$\phi 200$	220	175	$\phi 75$	131	67	50
$\phi 250$	270	220	$\phi 90$	149	75	60
$\phi 320$	350	270	$\phi 110$	170	90	65
$\phi 400$	430	350	$\phi 127$	178	88	70

配件订购码/Kit Ordering Code

DNG	-	50	-	H	-	#	-	S	-	N
缸径/Bore $\phi 32 - \phi 400$		密封圈材质/ Gasket Material 空白:TPU ① H:FKM N:NBR Heavy dutyRod seal E8 (PTFE+FKM) K56 (PTFE+NBR)		缸筒代号/ Tube Code 空白:圆筒 Blank:Round tube ② #:米型筒 #:mickey mouse tube		磁石代号 /Magnet Code 空白:不带磁 Blank:Without magnet S:附磁石 s:With magnet		牙型代码/ Thread Code 空白:G牙 Blank:G thread N:NPT牙 N:NPT thread P:PT牙 P:PT thread		

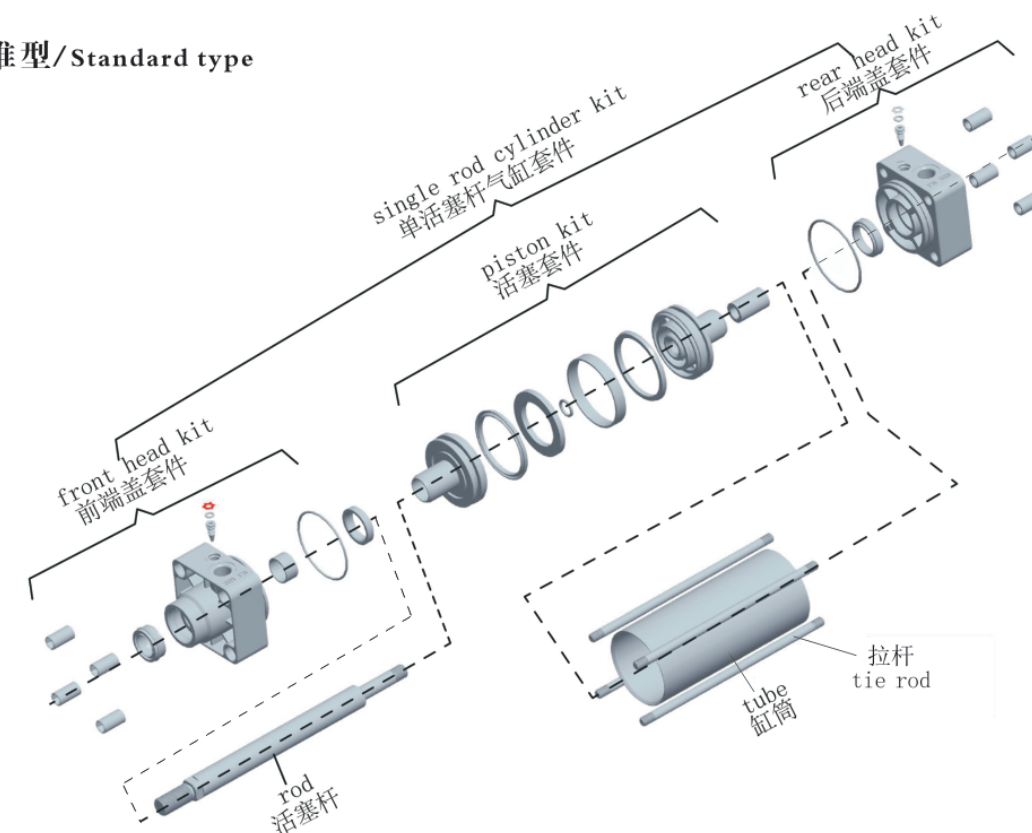
注: ① $\phi 32 - \phi 125$ 高温防尘圈是EU,
 $\phi 160 - \phi 250$ 高温防尘圈是DRP,
 $\phi 320$ 高温防尘圈是JD。
② # 米型筒直径最大200。

Remark:
① $\phi 32 - \phi 125$ high temperature anti dust wiper,
 $\phi 160 - \phi 250$ high temperature anti dust wiper,
 $\phi 320$ high temperature anti dust wiper.
② # mickey mouse tube maximum diameter 200.

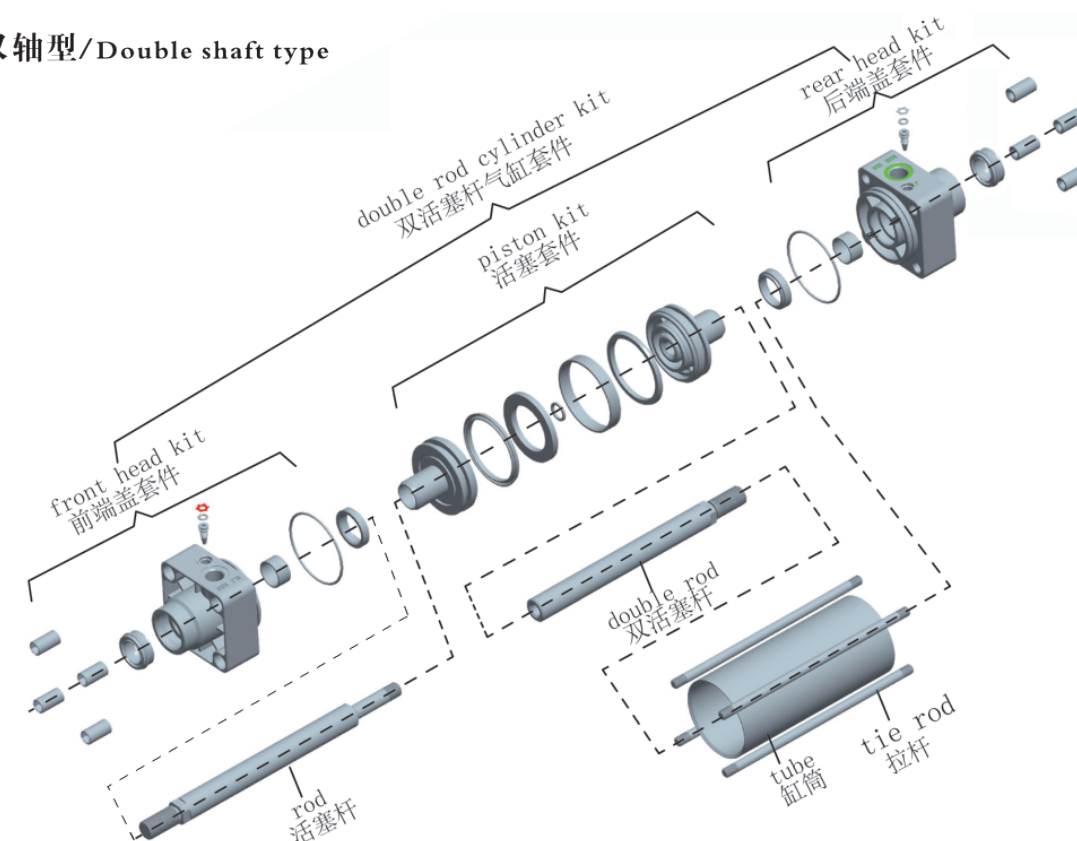
规格/Specification

内径/Bore (mm)	32	40	50	63	80	100	125	160	200	250	320	400
普通高温范围/Available temperature $^{\circ}\text{C}$	-10~250											
缓冲行程/Cushioning travel (mm)	20	25	30	32	40	50						
接管口径/Port size	G1/8	G1/4	G3/8	G1/2	G3/4	G1"						

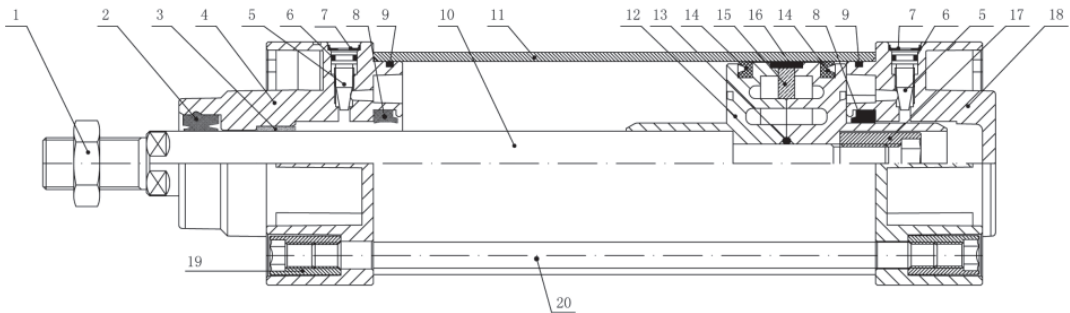
标准型/Standard type



双轴型/Double shaft type



内部结构及主要零件材质/Inner structure and material list for main parts



序号 No	名称 Name	材质 Material	序号 No	名称 Name	材质 Material
1	活塞杆螺帽 Nut for piston rod	碳钢 Carbon steel	11	缸筒 Tube	铝合金 Aluminium alloy
2	防尘圈 Anti dust seals	PU	12	活塞 Piston	铝合金 Aluminium alloy
3	含油轴承 Oil bearing	钢基粉末合金 Sinterized bronze	13	轴芯垫 O-ring for piston and piston rod	NBR
4	前端盖 Front cover	铝合金 Aluminium alloy	14	活塞圈 Piston ring	NBR
5	针阀 Air cushioning screw	59铜 H59 brass	15	磁环 Magnet	铁氧体 Ferrite
6	针阀O型圈 O-ring for air cushioning screw	NBR	16	导向带 Wearing ring	POM
7	针阀卡环 Snap ring for air cushion hole screw	弹簧钢 Spring steel	17	活塞固定螺帽 Nut for piston and piston rod fixed	碳钢 Carbon steel
8	缓冲圈 Cushioning seals	NBR	18	后端盖 Back cover	铝合金 Aluminium alloy
9	管壁O型圈 O-ring for front cover	NBR	19	拉杆螺帽 Tie-rod nuts & screw	碳钢 Carbon steel
10	活塞杆 Piston rod	碳钢 Carbon steel	20	拉杆 Tie-rod	碳钢 Carbon steel

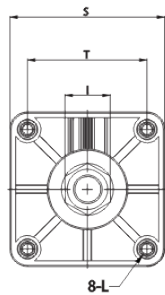
密封件/Packing and O-Ring List

规格 item	防尘圈 Rod packing	缓冲圈 Cushion packing	端盖O型圈 End cover O-Ring	磁环 Magnetic Ring	活塞圈 Piston	轴心圈 Piston O-Ring	缓冲O型圈 Cushion O-Ring
数量No. 直径 Bore size mm	1	2	2	1	2	1	2
φ 32	BEU-1220	BPP-1622	φ 32※ φ 1.9	φ 27.5※ φ 16※5	B-QZ8-3224	φ 12※ φ 2	φ 8※ φ 1.5
φ 40	BEU-1626	BPP-2028	φ 40※ φ 1.9	φ 35.5※ φ 20※5	B-QZ8-4032	φ 14※ φ 2.4	φ 8※ φ 1.5
φ 50	BEU-2030	BPP-2533	φ 50※ φ 1.9	φ 45.5※ φ 22※5	B-QZ8-5042	φ 16※ φ 2.4	φ 8※ φ 1.5
φ 63	BEU-2030	BPP-2533	φ 63※ φ 1.9	φ 58.5※ φ 40※5	B-QZ8-6353	φ 16※ φ 2.4	φ 8※ φ 1.5
φ 80	BEU-2535	BPP-3040	φ 80※ φ 1.9	φ 75.5※ φ 58※5	B-QZ8-8070	φ 20※ φ 2.4	φ 8※ φ 1.5
φ 100	BEU-2535	BPP-3040	φ 100※ φ 1.9	φ 95.5※ φ 77※5	B-QZ8-10090	φ 22※ φ 3.5	φ 8※ φ 1.5
φ 125	BEU-3242	BPP-4050	φ 125※ φ 3.5	φ 119.5※ φ 96※5	B-QGP φ 110※9.5	φ 22※ φ 3.5	φ 12※ φ 1.5

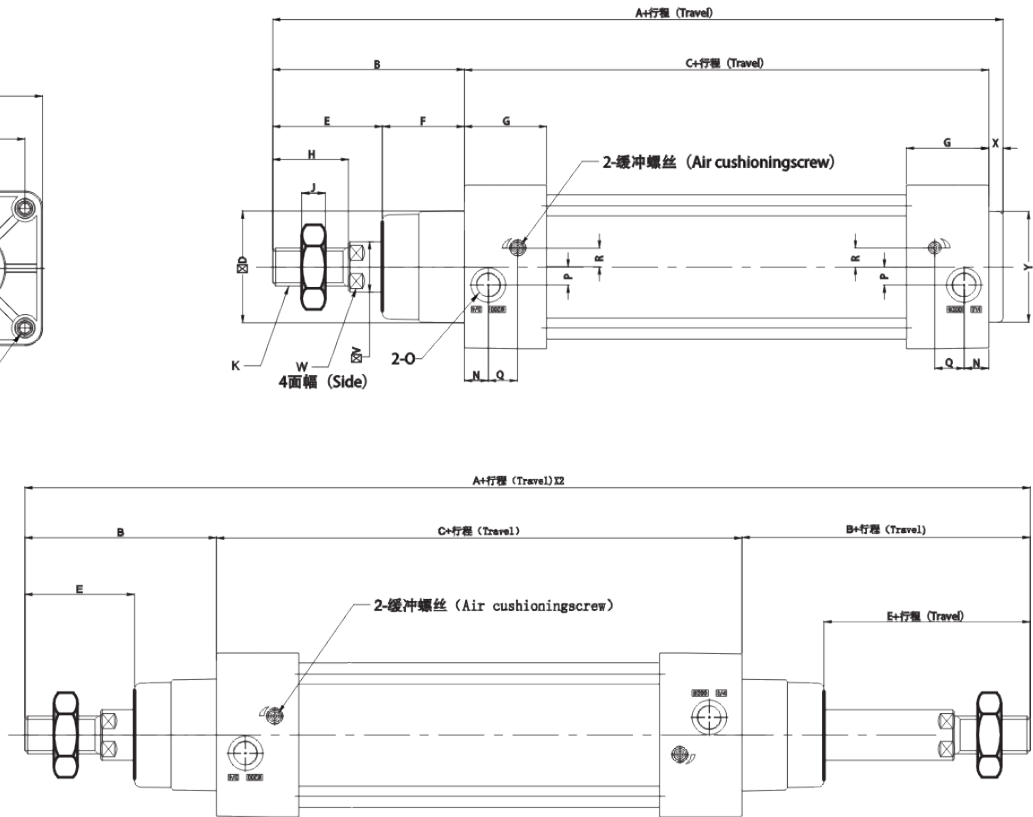
规格 item	防尘圈 Rod packing	缓冲圈 Cushion packing	端盖O型圈 End cover O-Ring	磁环 Magnetic Ring	活塞圈 Piston	轴心圈 Piston O-Ring	缓冲O型圈 Cushion O-Ring
数量No. 直径 Bore size mm	1	2	2	2	2	1	2
φ 160	BEU-4050 BB3-4048	BPP-5060	φ 160※ φ 4	φ 155※ φ 131.5※6	B-QGP φ 145※9.5	φ 40※ φ 3.1	φ 12※ φ 1.5
φ 200	BEU-4050 BB3-4048	BPP-5060	φ 200※ φ 4	φ 195※ φ 172※6	B-QZ8 φ 180※ φ 8.5	φ 40※ φ 3.1	φ 12※ φ 1.5
φ 250	BEU-5060 BB3-5060	BPP-5774	φ 250※ φ 4	φ 245※ φ 222※6	B-QGP φ 230※ φ 14	φ 38※ φ 4	φ 16※ φ 2
φ 320	BEU-6375 BB3-6371	BPP-7895	φ 320※ φ 5	φ 315※ φ 292※6	B-QGP φ 295※ φ 14	φ 43※ φ 3.5	φ 16※ φ 2
φ 400	BB3-6375	BPP-7895	φ 400※ φ 5.7	φ 1250※ φ 5※8	B-QGP φ 376※24	φ 63※ φ 3.1	φ 16※ φ 2

外部规格/Overall dimension

B-DNG



B-DNG



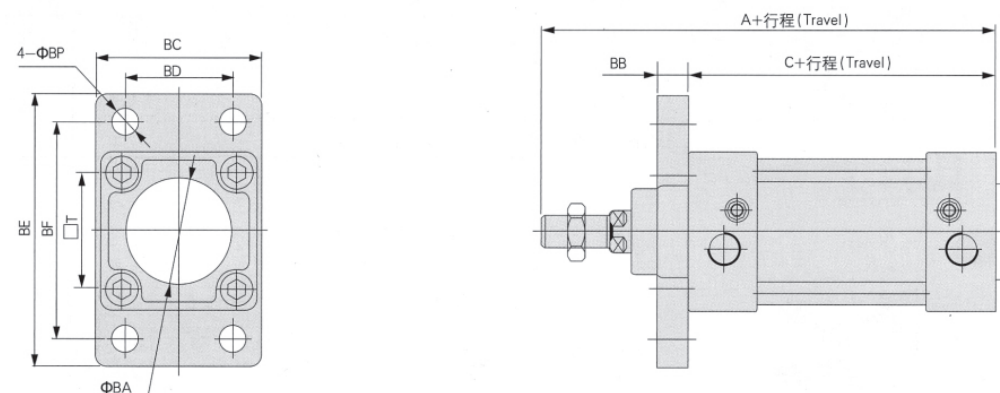
规格/Spc. 代号/Code	A	A1	B	C	D	E	F	G	H	I	J	K	L	N
32	142	190	48	94	30	29	19	27	22	17	6	M10X1.25	M6	11.7
40	159	213	54	105	35	33	21	31	24	19	7	M12X1.25	M6	15.3
50	175	244	69	106	40	42	27	31	32	24	8	M16X1.5	M8	16
63	190	259	69	121	45	42	27	33	32	24	8	M16X1.5	M8	20
80	214	300	86	128	45	53	33	36	40	30	10	M20X1.5	M10	19.5
100	229	320	91	138	55	55	36	37	40	30	10	M20X1.5	M10	18
125	279	398	119	160	60	79	40	45	54	36	12	M27X2	M12	26.5
160	332	484	152	180	65	97	55	50	72	50	14	M36X2	M16	25.5
200	347	514	167	180	75	100	67	50	72	50	14	M36X2	M16	23.5
250	389	578	189	200	90	114	75	60	84	64	20	M42X2	M20	30
320	436	652	216	220	110	126	90	65	96	72	20	M48X2	M24	29
400	484	698	214	270	127	126	88	70	96	72	20	M48X2	M24	35.5

规格/Spc. 代号/Code	O	P	Q	R	S	T	V	W	X	Y
32	G1/8	5.5	7	6	47	32.5	12	10	3	30
40	G1/4	6	7.7	8.5	53	38	16	13	4	35
50	G1/4	7.5	6.5	8.5	65	46.5	20	17	4	40
63	G3/8	7.5	7.5	11.5	75	56.5	20	17	4	45
80	G3/8	8.5	7.5	13.5	95	72	25	22	4	45
100	G1/2	9.5	8.5	13.5	115	89	25	22	4	55
125	G1/2	10	5	18	140	110	32	27	6	60
160	G3/4	15	7	15	180	140	40	36	6	65
200	G3/4	15	12	20	220	175	40	36	5	75
250	G1	20	10	25	270	220	50	46	8	90
320	G1	30	15	35	350	270	63	55	10	110
400	G1	41.5	9.5	40.5	430	350	63	55	5	127

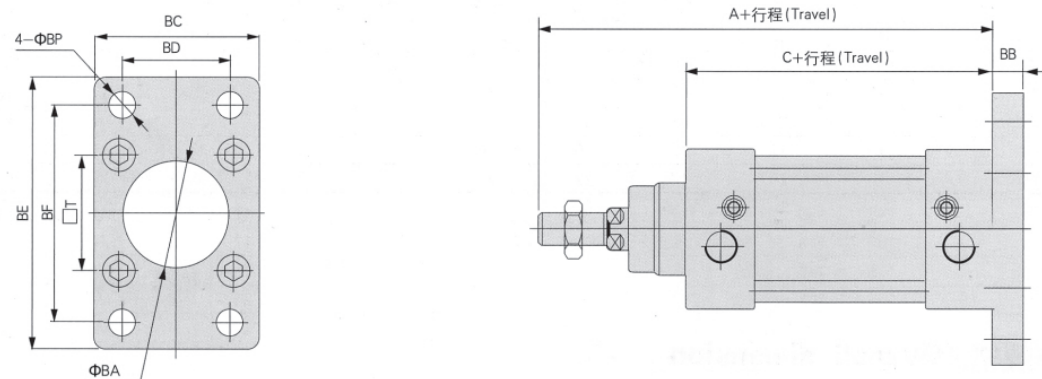
附件/Mounting accessories kit

外部规格/Outside dimension

B-ISO-FA



B-ISO-FB

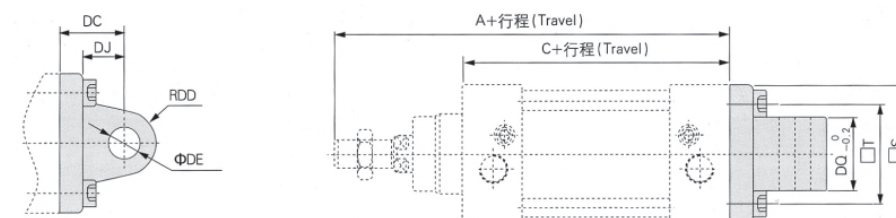


符号/内径(Symbol/Bore)	32	40	50	63	80	100	125	160	200	250	350	400
A	142	159	175	190	214	229	279	332	347	389	436	484
C	94	105	106	121	128	138	160	180	180	200	220	270
BA	30.5	35.5	40.5	45.5	45.5	55.5	60.5	65.5	75.5	90.5	110	128
BB	10	10	12	12	16	16	20	20	25	25	30	40
BC	47	53	65	75	95	115	139	180	220	270	349	430
BD	32	36	45	50	63	75	90	115	135	165	200	350
BE	80	90	108	118	150	176	218	280	320	390	470	570
BF	64	72	90	100	126	150	180	230	270	330	400	490
BP	7	9	9	9	12.5	14.5	16.5	18.5	24	26	33	33
T	32.5	38	46.5	56.5	72	89	110	140	175	220	270	350

附件/Mounting accessories kit

附件材质/Accessories material

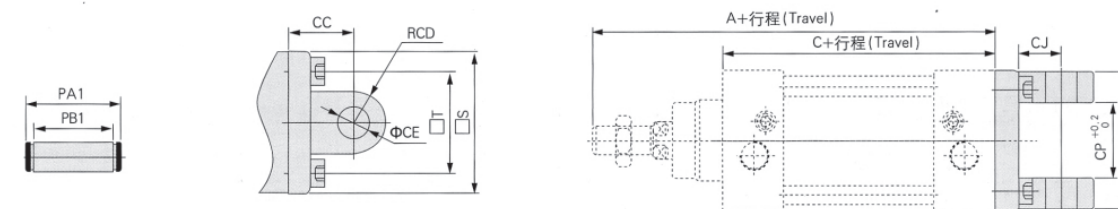
附件/Mounting kits 缸径/Bore	安装附件/Install accessories										连接附件/Connector kits	
	LB	FA	FB	CR	CA	CB	TC	FTC	TF	TM	I、Y	F、U
32-100	低碳钢 Low carbon steel	铝合金 Aluminium alloy				铸铁 Cast steel			铝合金 Aluminium alloy	碳钢 Carbon steel		
125-320	碳钢/Carbon steel											



符号/内径(Symbol/Bore)	32	40	50	63	80	100	125	160	200	250	320
A	142	159	175	190	214	229	279	332	347	389	436
C	94	105	106	121	128	138	160	180	180	200	220
S	47	52	64	74	94	113	139	180	220	210	350
T	32.5	38	46.5	56.5	72	89	110	140	175	220	270
DC	22	25	27	32	36	41	50	55	60	70	80
DD	9	10.5	11	13.5	14.5	17	22	25	25	40	45
DE	10	12	12	16	16	20	25	30	30	40	45
DJ	13	16	17	22	22	27	33	35	35	47	52
DQ	25.8	27.5	31.7	39.7	49.7	59.7	69.7	90	90	110	120

外部规格/Overall dimension

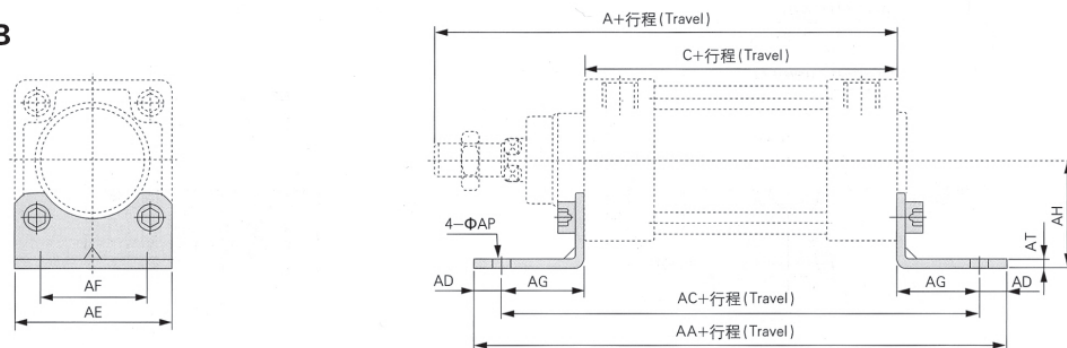
B-ISO-CB



符号/内径(SYMBOL/BORE)	32	40	50	63	80	100	125	160	200	250	320
A	142	159	175	190	214	229	279	332	347	389	436
C	94	105	106	121	128	138	160	180	180	200	220
CC	22	25	27	32	36	41	50	55	60	70	80
CD	9	10.5	11	13	14	17.5	21.5	30	30	40	45
CE	10	12	12	16	16	20	25	30	30	40	45
CJ	13	16	17	22	22	27	31	35	35	47	52
CP	26	28	32	40	50	60	70	90	90	110	120
CT	45	52	60	70	90	110	130	170	170	200	220
PA1	51	59	67	77	97	119	139	181	181	220	240
PB1	45.5	52.5	60.5	70.5	90.5	10.5	130.5	70.5	170.5	202	222
S	47	52	64	74	94	113	139	180	220	270	350
T	32.5	38	46.5	56.5	72	89	110	140	175	220	270

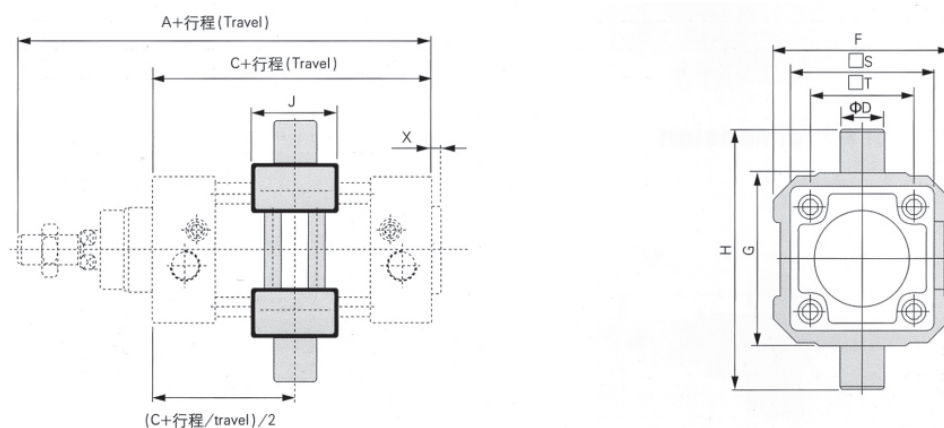
附件/Mounting accessories kit

B-ISO-LB



符号/内径(Symbol/Bore)	32	40	50	63	80	100	125	160	200	250	320	400
A	142	159	175	190	214	229	279	332	347	389	436	484
C	94	105	106	121	128	138	160	180	180	200	220	270
AA	158	179	190	209	248	258	290	340	380	410	470	676
AC	142	161	170	185	210	220	250	300	320	350	390	506
AD	8	9	10	12	19	19	20	20	30	30	40	85
AE	47	53	65	75	95	115	140	180	220	275	350	470
AF	32	36	45	50	63	75	90	115	135	165	200	390
AG	24	28	32	32	41	41	45	60	70	75	85	115
AH	32	36	45	50	63	71	90	115	135	165	185	285
AP	7	9	9	9	12.5	14.5	16.5	18	22	28	35	33
AT	3	3	3	3	4	4	8	8	9	19	23	20

B-TC

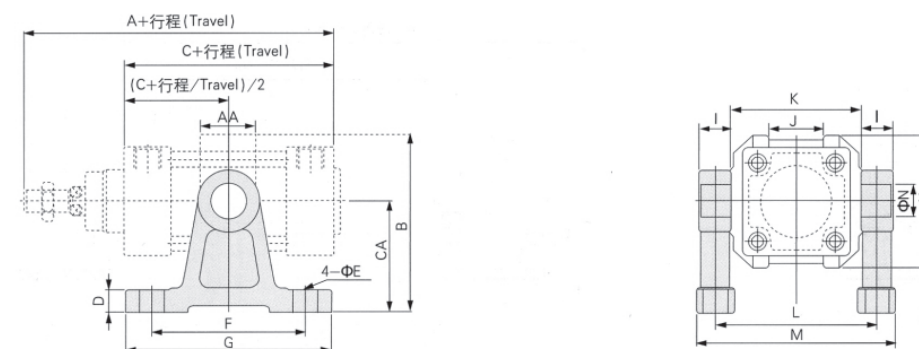


注：附件安装位置不可任意调整/Remark: install position can not be changed.

内径/符号(Bore/Symbol)	A	C	D	F	G	H	J	S	X	T
32	142	94	12	52	50	74	22	47	3	32.5
40	159	105	16	63	63	95	28	53	3.5	38
50	175	106	16	75	75	107	28	65	3.5	46.5
63	190	121	20	90	90	130	30	75	4	56.5
80	214	128	20	110	110	150	32	95	4	72
100	229	138	25	132	132	182	38	115	4	89
125	279	160	25	160	160	210	40	140	4	110
160	332	180	32	210	200	264	50	180	4	140
200	347	180	32	255	250	314	50	220	5	175
400	484	270	90	460	460	710	105	430	5	350

附件/Mounting accessories kit

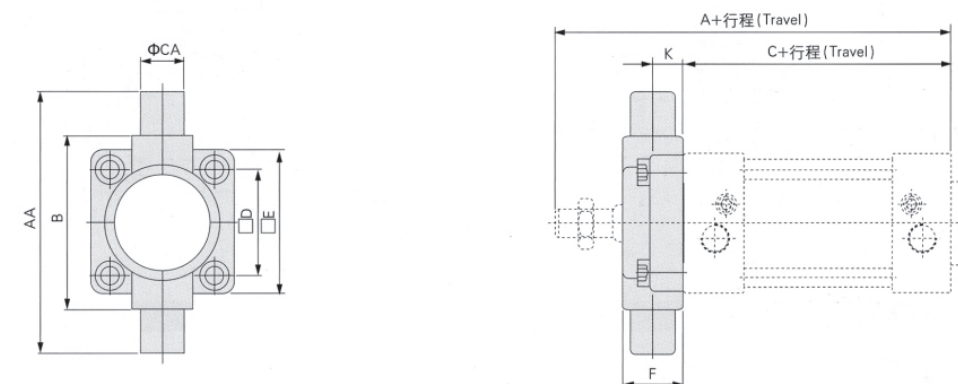
B-TF



注：附件安装位置不可任意调整/Remark: install position can not be changed.

符号/内径(Symbol/Bore)	32	40	50	63	80	100	125	160	200
A	142	159	175	190	214	229	279	332	347
AA	22	28	28	30	32	38	40	50	50
B	66	86.5	91.5	115	126	157.5	175	215	262.5
C	94	105	106	121	128	138	160	180	180
CA	40	54	54	70	70	90	90	110	135
D	11	11	11	11	11	19	19	24	27
E	9	12	12	12	12	18	18	22	22
F	60	75	75	85	85	115	115	140	150
G	80	100	100	110	110	155	155	190	200
H	52	65	75	90	112	135	170	210	255
I	12	16	16	20	20	25	25	32	32
J	20	27	31	42	54	68	80	100	125
K	50	63	75	90	110	132	160	200	250
L	62	79	91	110	130	157	185	232	282
M	77	98	110	133	153	185	213	267	317
N	12	16	16	20	20	25	25	32	32

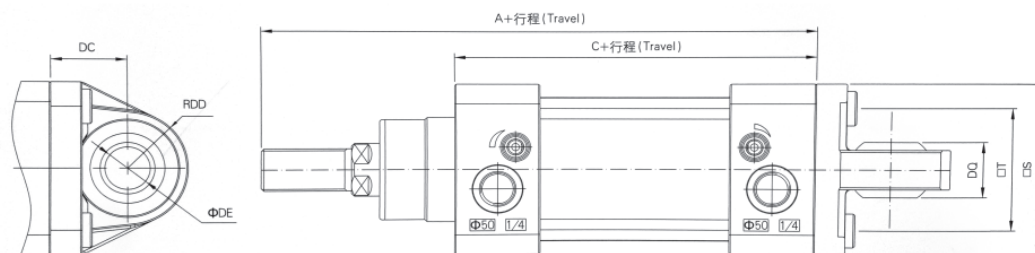
B-FTC



符号/内径(Symbol/Bore)	32	40	50	63	80	100	125	160	200
A	142	159	175	190	214	229	279	332	347
AA	74	95	107	130	150	182	210	264	314
B	50	63	75	90	110	132	160	200	250
C	94	105	106	121	128	138	160	180	180
CA	12	16	16	20	20	25	25	32	32
D	32.5	38	46.5	56.5	72	89	110	140	175
E	46	52	64	74	94	114	139	179	218
F	19	21	26	28	31	35	43	56	64
K	10	10	12	12	16	16	20	20	20

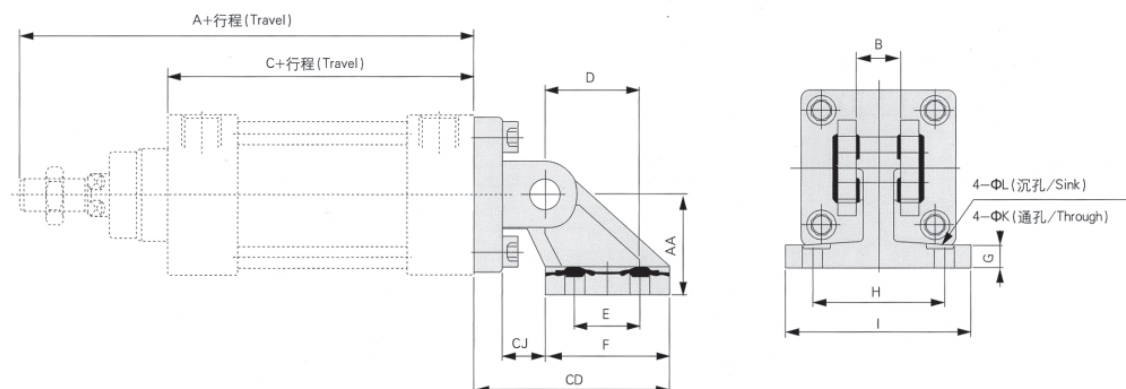
附件/Mounting accessories kit

B-SNCS

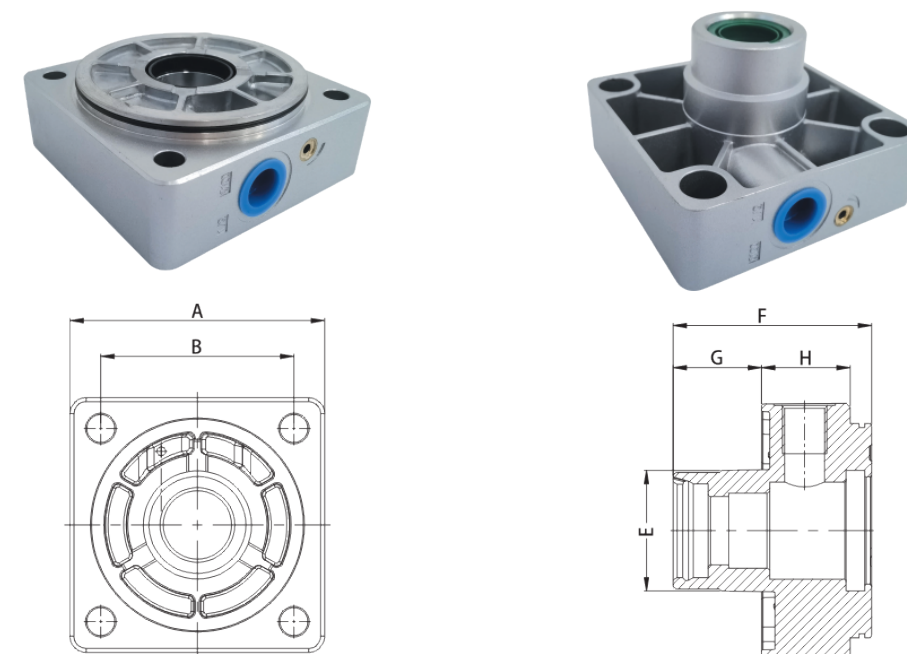


符号/内径(Symbol/Bore)	32	40	50	50	63	80	100	125	160	200	250	320	400
A	142	159	175	175	190	214	229	279	332	347	389	436	484
C	94	105	106	106	121	128	138	160	180	180	200	220	270
S	46.5	54	64	64	75	93	110	134	180	220	270	350	430
T	32.5	38	46.5	46.5	56.5	72	89	110	140	175	220	270	350
DC	22	25	27	27	32	36	41	50	55	60	70	80	110
DD	10.5	12	12	12	15	15.5	20	24	30	30	35	45	50
DE	10	12	12	12	16	16	20	25	30	30	40	45	50
DQ	25.8	27.8	31.7	31.7	39.7	49.7	59.7	69.7	89.7	89.7	110	120	80

B-LNG与CB配合用/LNG Working with CB



符号/内径(Symbol/Bore)	32	40	50	63	80	100	125
A	142	159	175	190	214	229	279
AA	32	36	45	50	63	71	90
B	26	28	32	40	50	60	70
C	94	105	106	121	128	138	160
CD	49	55	67	76	92.5	105.5	134
CJ	10	12	13	17	19.5	22.5	29
D	21	24	33	37	47	55	70
E	18	22	30	35	40	50	60
F	30	34	44	49	59	69	88
G	8	10	12	12	14	15	20
H	38	41	50	52	66	76	94
I	51	53	64	66	85	95	122
K	6.5	6.5	9	9	11	11	13.5
L	10.5	10.5	14	14	17	17	20



B-SI φ 32- φ 200端盖/Head						
规格/Spc. 代号/Code	A	B	E	F	G	H
φ 32	47	32.5	φ 30	52	19	27.5
φ 40	53	38	φ 35	60.5	21	32
φ 50	65	46.5	φ 40	65.5	27	31
φ 63	75	56.5	φ 45	67.5	27	33
φ 80	95	72	φ 45	74	33	33
φ 100	115	89	φ 55	81	36	37
φ 125	140	110	φ 60	100	40	45
φ 160	180	140	φ 65	120	55	50
φ 200	220	175	φ 75	131	67	50

配件订购码/Kit Ordering Code

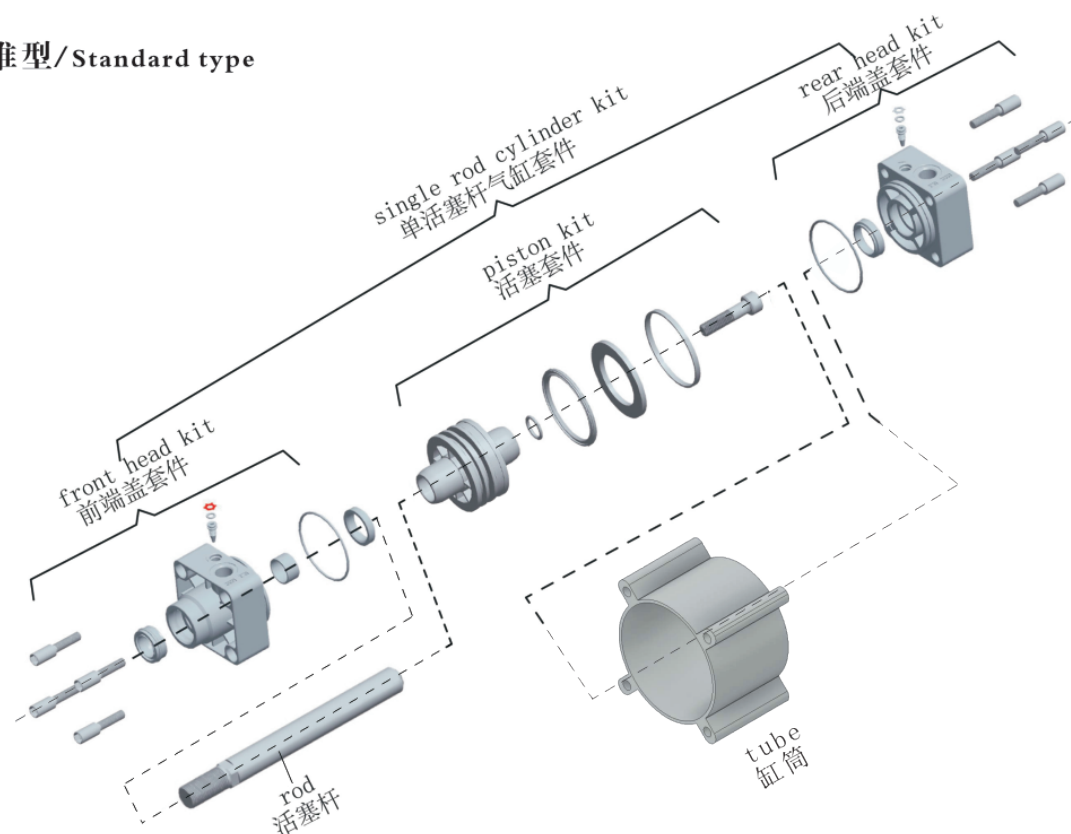
SI - 50 - H - # - S

缸径/Bore
φ 32-φ 200密封圈材质/
Gasket Material
空白:TPU
Blank:TPU
①H:FKM N:NBR
Heavy dutyRod seal
E8 (PTFE+FKM)
K56 (PTFE+NBR)缸筒代号/
Tube Code
空白:圆筒
Blank:Round tube
② #:米型筒
#:mickey mouse tube磁石代号/
Magnet Code
空白:不带磁
Blank:Without magnet
S:附磁石
S:With magnet注: ① φ 32-φ 125高温防尘圈是EU,
φ 160-φ 200高温防尘圈是DRP,
② # 米型筒直径最大200。Remark :
① φ 32-φ 125 high temperature anti dust wiper,
φ 160-φ 250 high temperature anti dust wiper.
② # mickey mouse tube maximum diameter 200.

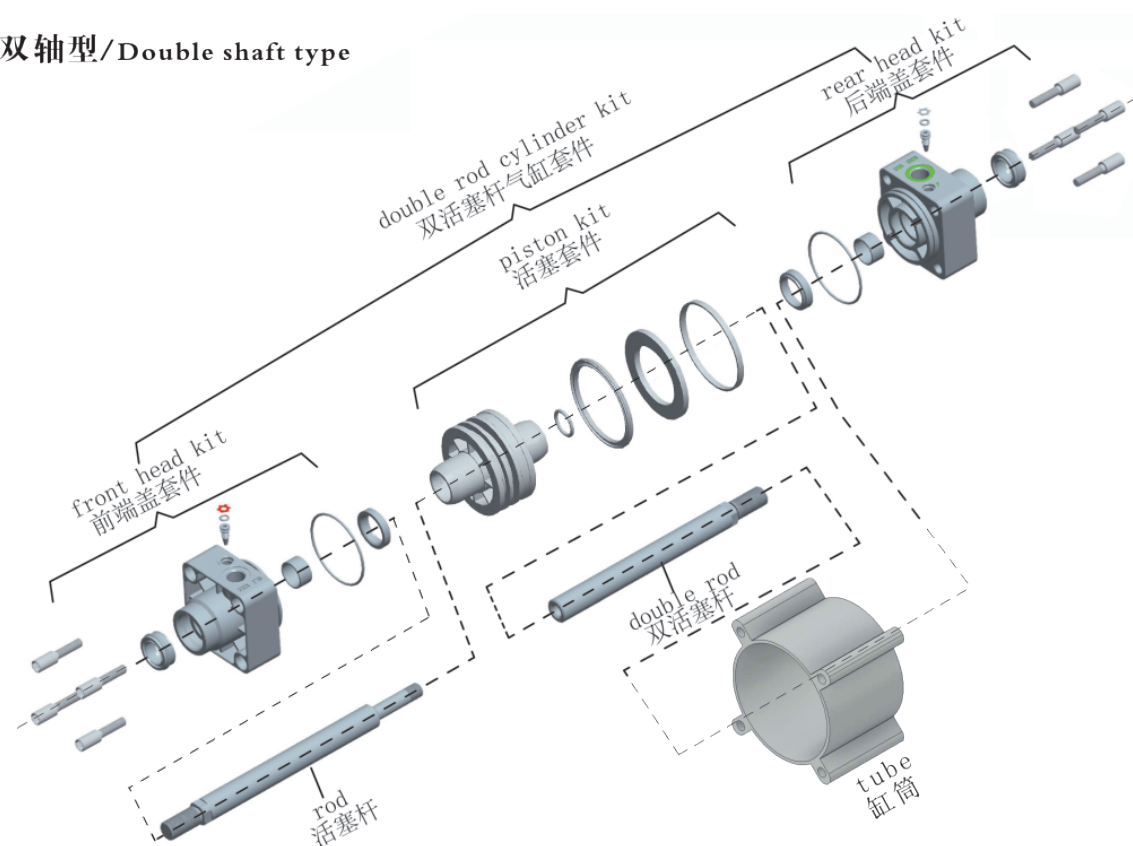
规格/Specification

内径/Bore (mm)	32	40	50	63	80	100	125	160	200
普通高温范围/Available temperature °C	-10~250								
缓冲行程/Cushioning travel (mm)	20	23	30	36	35	36	51.5		
接管口径/Port size	G1/8	G1/4	G3/8	G1/2	G3/4				

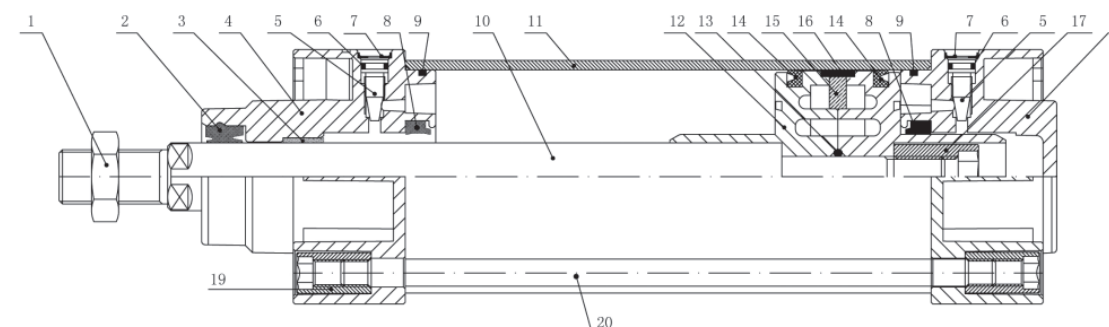
标准型/Standard type



双轴型/Double shaft type



内部结构及主要零件材质/Inner structure and material list for main parts

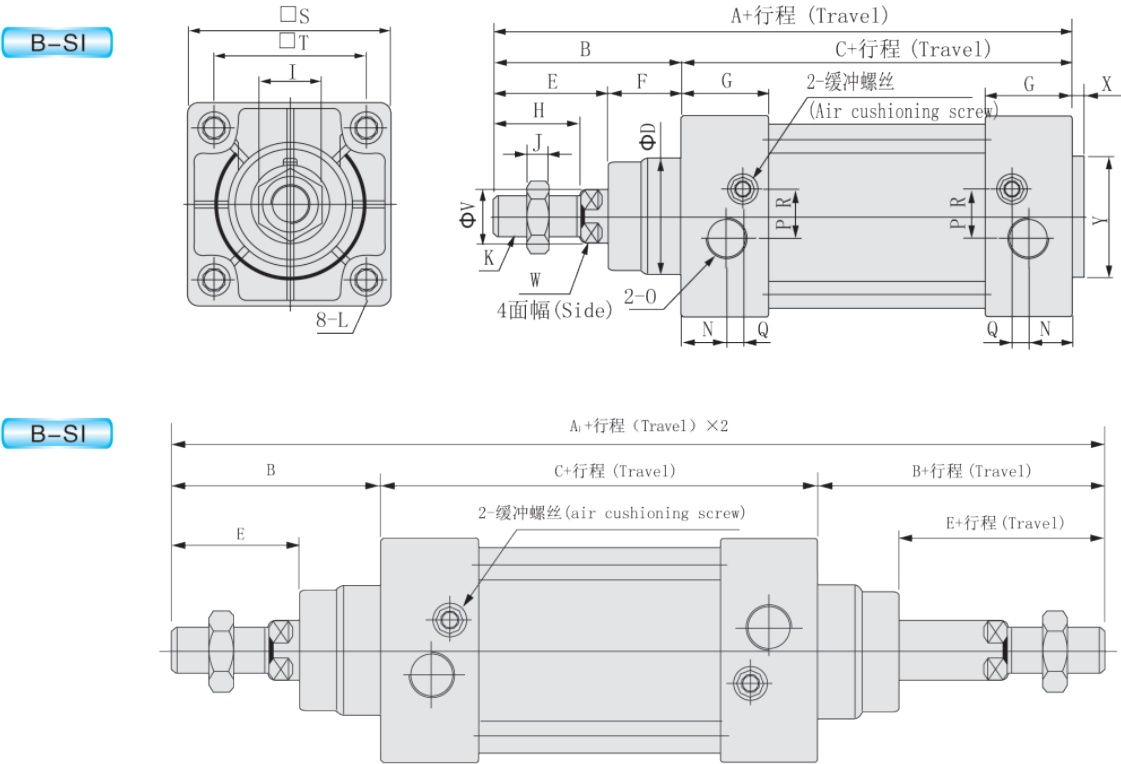


序号 No	名称 Name	材质 Material	序号 No	名称 Name	材质 Material
1	活塞杆螺帽 Nut for piston rod	碳钢 Carbon steel	11	缸筒 Tube	铝合金 Aluminium alloy
2	防尘圈 Anti dust seals	PU	12	活塞 Piston	铝合金 Aluminium alloy
3	含油轴承 Oil bearing	钢基粉末合金 Sinterized bronze	13	轴芯垫 O-ring for piston and piston rod	NBR
4	前端盖 Front cover	铝合金 Aluminium alloy	14	活塞圈 Piston ring	NBR
5	针阀 Air cushioning screw	59铜 H59 brass	15	磁环 Magnet	铁氧体 Ferrite
6	针阀O型圈 O-ring for air cushioning screw	NBR	16	导向带 Wearing ring	POM
7	针阀卡环 Snap ring for air cushion hole screw	弹簧钢 Spring steel	17	活塞固定螺帽 Nut for piston and piston rod fixed	碳钢 Carbon steel
8	缓冲圈 Cushioning seals	NBR	18	后端盖 Back cover	铝合金 Aluminium alloy
9	管壁O型圈 O-ring for front cover	NBR	19	拉杆螺丝 Tie-rod nuts & screw	碳钢 Carbon steel
10	活塞杆 Piston rod	碳钢 Carbon steel	20	拉杆 Tie-rod	碳钢 Carbon steel

密封件/Packing and O-Ring List

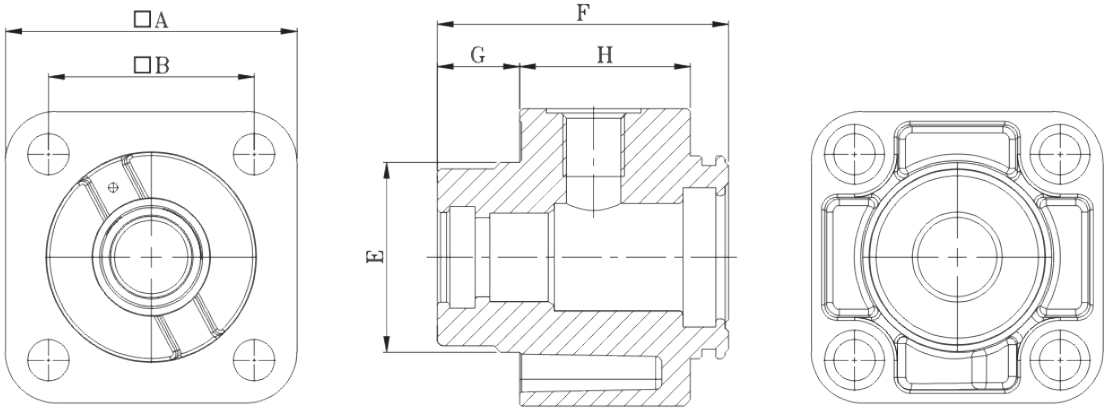
规格 item	防尘圈 Rod packing	缓冲圈 Cushion packing	端盖O型圈 End cover O-Ring	磁环 Magnetic Ring	活塞圈 Piston	轴心圈 Piston O-Ring	缓冲O型圈 Cushion O-Ring
数量 No. Bore size mm	1	2	2	2	2	1	2
φ 32	BEU-1220	BPP-1622	φ 32※ φ 1.9	φ 27.5※ φ 16※5	B-QZ8-3224	φ 12※ φ 2	φ 8※ φ 1.5
φ 40	BEU-1626	BPP-2028	φ 40※ φ 1.9	φ 35.5※ φ 20※5	B-QZ8-4032	φ 16※ φ 2.4	φ 8※ φ 1.5
φ 50	BEU-2030	BPP-2836	φ 50※ φ 1.9	φ 45.5※ φ 22※5	B-QGP-5042	φ 20※ φ 2.4	φ 8※ φ 1.5
φ 63	BEU-2030	BPP-2836	φ 63※ φ 1.9	φ 58.5※ φ 40※5	B-QGP-6353	φ 20※ φ 2.4	φ 8※ φ 1.5
φ 80	BEU-2535	BPP-3545	φ 80※ φ 1.9	φ 75.5※ φ 58※5	B-QGP-8070	φ 25※ φ 2.4	φ 8※ φ 1.5
φ 100	BEU-2535	BPP-3545	φ 100※ φ 1.9	φ 95.5※ φ 77※5	B-QGP-10090	φ 25※ φ 2.4	φ 8※ φ 1.5
φ 125	BEU-3242	BPP-4050	φ 125※ φ 3.5	φ 119.5※ φ 96※5	B-QGP φ 113※7	φ 32※ φ 3.1	φ 12※ φ 1.5
φ 160	BEU-4050 BB3-4048	BPP-5060	φ 160※ φ 4	φ 155※ φ 131.5※6	B-QGP φ 145※9.5	φ 40※ φ 3.1	φ 12※ φ 1.5
φ 200	BEU-4050 BB3-4048	BPP-5060	φ 200※ φ 4	φ 195※ φ 172※6	B-QZ8 φ 180※ φ 8.5	φ 40※ φ 3.1	φ 12※ φ 1.5

外部规格/Overall dimension



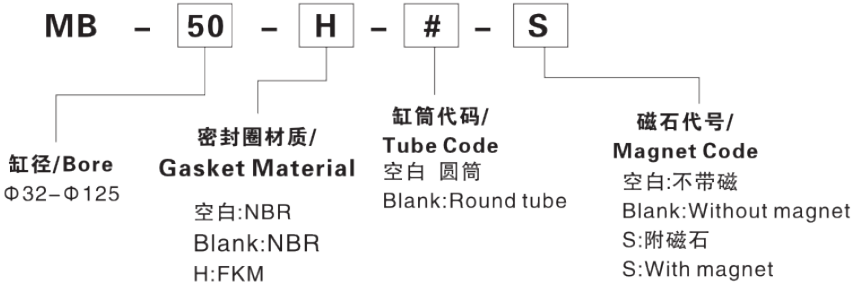
内径/符号 (Bore/Symbol)	A	A _i	B	C	D	E	F	G	H	I	J	K	L	N
32	142	190	48	94	30	29	19	27.5	22	17	6	M10×1.25	M6	12.5
40	159	213	54	105	35	33	21	32	24	19	7	M12×1.25	M6	16
50	175	244	69	106	40	42	27	31	32	24	8	M16×1.5	M8	15
63	190	259	69	121	45	42	27	33	32	24	8	M16×1.5	M8	16.5
80	214	300	86	128	45	53	33	33	40	30	10	M20×1.5	M10	16
100	229	320	91	138	55	55	36	37	40	30	10	M20×1.5	M10	18
125	279	398	119	160	60	79	40	45	54	36	12	M27×2	M12	26.5
160	332	484	152	180	65	97	55	50	72	50	14	M36×2	M16	25.5
200	347	514	167	180	75	100	67	50	72	50	14	M36×2X	M16	25.5

内径/符号 (Bore/Symbol)	O	P	Q	R	S	T	V	W	X	Y
32	G1/8	5.5	7	6	47	32.5	12	10	4	30
40	G1/4	6	7.5	8.5	53	38	16	13	4	35
50	G1/4	7.5	6.5	9.5	65	46.5	20	17	4	40
63	G3/8	7.5	7.5	11.5	75	56.5	20	17	4	45
80	G3/8	8.5	7.5	13.5	95	72	25	22	4	45
100	G1/2	9.5	8.5	13.5	115	89	25	22	4	55
125	G1/2	10	5	20	140	110	32	27	6	60
160	G3/4	15	7	15	180	140	40	36	6	65
200	G3/4	15	12	20	220	175	40	36	5	75



MB φ32-φ125端盖/Head						
规格/Spc. 代号/Code	A	B	E	F	G	H
φ 32	46	32.5	φ 30	45	13	26.5
φ 40	52	38	φ 35	46.5	14.5	26.5
φ 50	65	46.5	φ 40	51.5	14	31
φ 63	75	56.5	φ 45	51.5	14	31
φ 80	95	72	φ 45	64	20	38
φ 100	115	89	φ 55	63	20	37
φ 125	140	110	φ 60	72	25	40

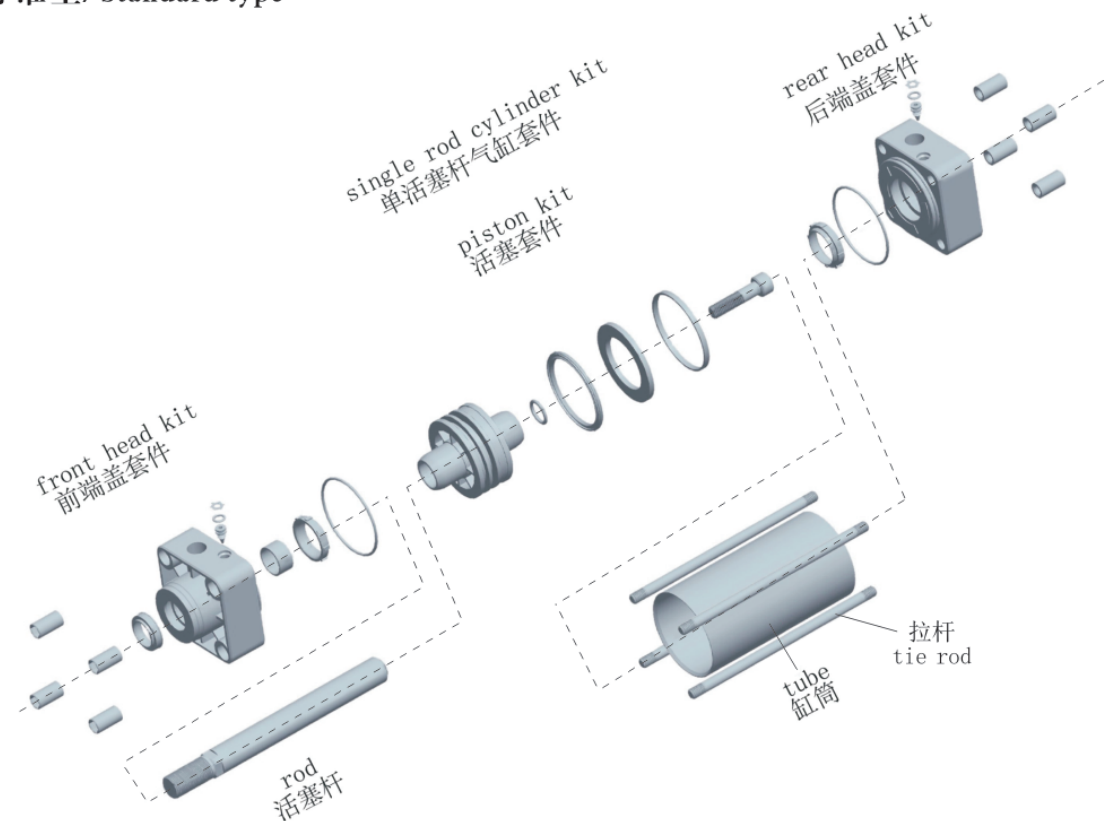
配件订购码/Kit Ordering Code



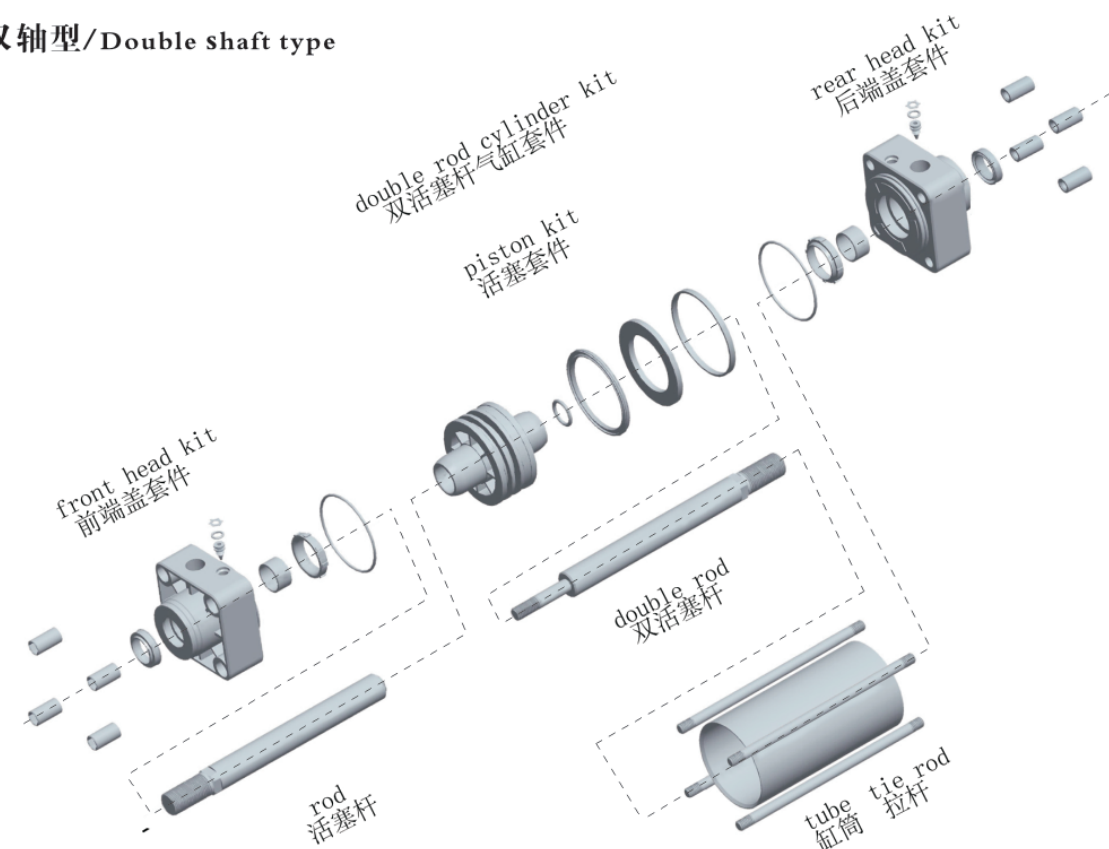
规格/Specification

内径/Bore (mm)	32	40	50	63	80	100	125
普通高温使用温度范围/Available temperature °C	-10~250						
缓冲行程/Cushioning travel (mm)	21		22		30		28
接管口径/Port size	G1/8	G1/4		G3/8		G1/2	

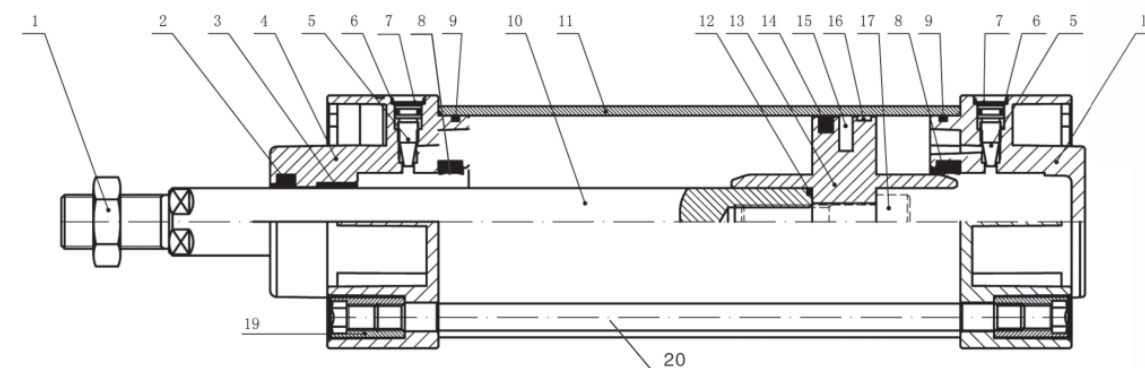
标准型/Standard type



双轴型/Double shaft type



内部结构及主要零件材质/Inner structure and material list for main parts



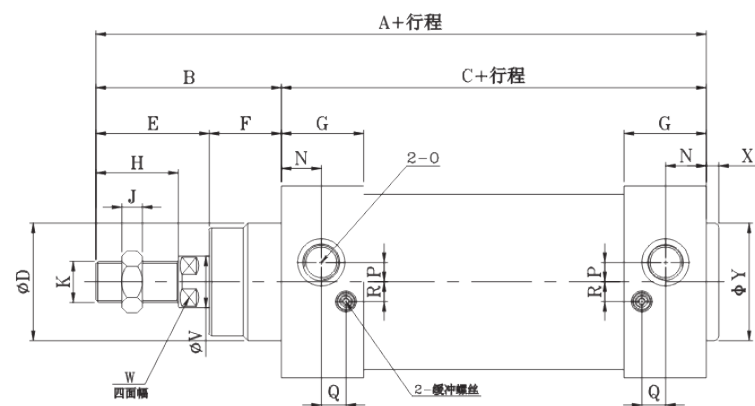
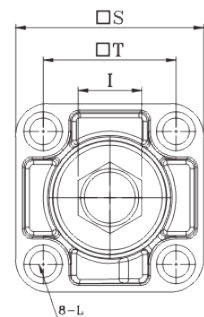
序号 No	名称 Name	材质 Material	序号 No	名称 Name	材质 Material
1	活塞杆螺帽 Nut for piston rod	碳钢 Carbon steel	11	缸筒 Tube	铝合金 Aluminium alloy
2	防尘圈 Anti dust seals	NBR	12	活塞杆O型圈 O-ring for piston rod	NBR
3	含油轴承 Oil bearing	钢基粉末合金 Sinterized bronze	13	活塞 Piston	铝合金 Aluminium alloy
4	前端盖 Front cover	铝合金 Aluminium alloy	14	活塞圈 Piston ring	NBR
5	针阀 Air cushioning screw	59铜 H59 brass	15	磁环 Magnet	铁氧体 Ferrite
6	针阀O型圈 O-ring for air cushioning screw	NBR	16	导向带 Wearing ring	POM
7	针阀卡环 Snap ring for air cushion hole screw	弹簧钢 Spring steel	17	活塞固定螺丝 Piston fixed screw	碳钢 Carbon steel
8	缓冲圈 Cushioning seals	NBR	18	后端盖 Back cover	铝合金 Aluminium alloy
9	管壁O型圈 O-ring for front cover	NBR	19	拉杆螺帽 Tie-rod nuts & screw	碳钢 Carbon steel
10	活塞杆 Piston rod	碳钢 Carbon steel	20	拉杆 Tie-rod	碳钢 Carbon steel

密封件/Packing and O-Ring List-单圈活塞/Single ring piston

规格 Item	防尘圈 Rod packing	缓冲圈 Cushion packing	端盖O型圈 End cover O-Ring	磁环 Magnetic Ring	单活塞圈 Single ring piston	轴心圈 Piston O-Ring	缓冲O型圈 Cushion O-Ring
直径 Bore size mm	数量No.	1	2	2	1	1	2
φ32	BDRP-12	BPP-1622	φ32※φ1.9	φ28.5※17※5	COP-32	φ12※φ2	φ8※φ1.5
φ40	BDRP-16	BPP-2028	φ40※φ1.9	φ36.5※22※5	COP-40	φ16※φ2.4	φ8※φ1.5
φ50	BDRP-20	BPP-2836	φ50※φ1.9	φ46.5※30※5	COP-50	φ20※φ2.4	φ8※φ1.5
φ63	BDRP-25	BPP-2836	φ63※φ1.9	φ59※40※5	COP-63	φ20※φ2.4	φ8※φ1.5
φ80	BDRP-25	BPP-3545	φ80※φ1.9	φ76※58※5	COP-80	φ25※φ2.4	φ8※φ1.5
φ100	BDRP-30	BPP-3545	φ100※φ1.9	φ96※77※5	COP-100	φ25※φ2.4	φ8※φ1.5
φ125	BDRP-32	BPP-4050	φ125※φ2.4	φ119.5※96※6	COP-125	φ32※φ3.1	φ12※φ1.5

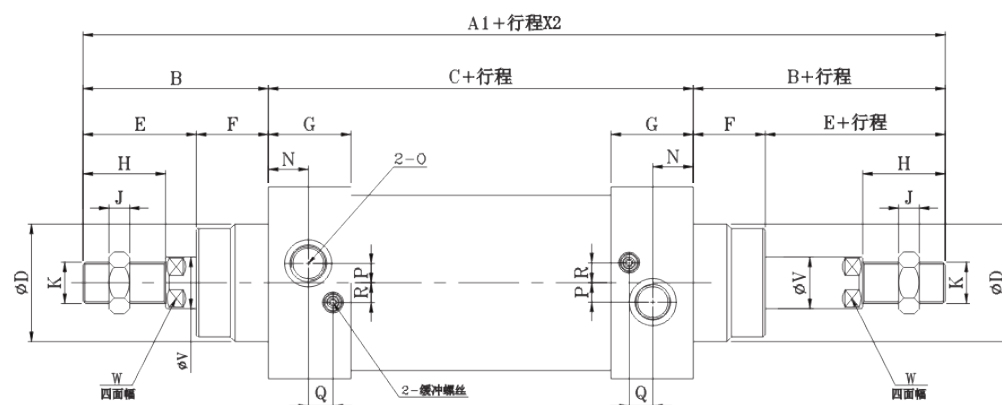
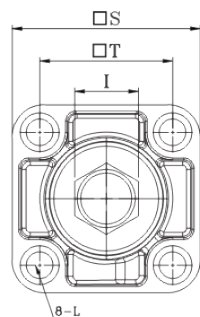
基本尺寸/Basic specification

φ 32~φ 200



基本尺寸/Basic specification

φ 32~φ 200

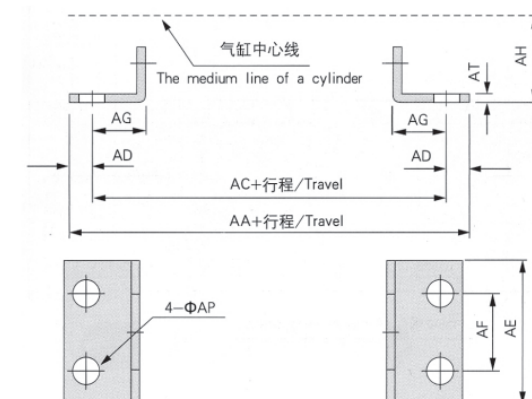


内径/符号 (Bore/Symbol)	A	A1	B	C	D	E	F	G	H	I	J	K	L
φ 32	131	178	47	84	30	34	13	26.5	22	17	6	M10X1.25	M6
φ 40	137.5	188.5	51	85	35	38	14.5	26.5	30	19	7	M14X1.5	M6
φ 50	152	210	58	94	40	44	14	31	35	24	8	M18X1.5	M8
φ 63	152	210	58	94	45	44	14	31	35	24	8	M18X1.5	M8
φ 80	186	258	58	114	45	52	20	38	40	30	10	M22X1.5	M10
φ 100	186	258	72	114	55	52	20	37	40	30	10	M26X1.5	M10
φ 125	217	304	97	120	60	74	25	40	54	36	12	M27X2	M12

内径/符号 (Bore/Symbol)	N	O	P	Q	R	S	T	V	W	X	Y
φ 32	12.5	G1/8	5.5	6	6	46	32.5	12	10	4	30
φ 40	13.5	G1/4	5.5	7	8	52	38	16	13	6	35
φ 50	16.5	G1/4	4.5	9	11	65	46.5	20	17	4	40
φ 63	16	G3/8	9.5	5	11	75	56.5	20	17	4	45
φ 80	19	G3/8	10	5.5	10	95	72	25	22	4	45
φ 100	19	G1/2	9	7.5	13.5	115	89	30	26	4	55
φ 125	21	G1/2	15	8.5	15	140	110	32	27	4	60

安装附件/Mounting accessories kit

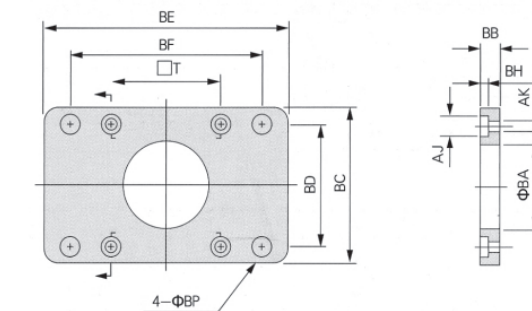
B-LB型尺寸/B-LB Size



符号/内径(Symbol/Bore)	32	40	50	63	80	100	125
AA	146	154	170	176	202	210	250
AC	128	132	148	148	174	178	210
AD	9	11	11	14	14	16	20
AE	50	55	70	80	100	120	140
AF	32	38	46	56	72	89	90
AG	22	24	27	27	30	32	45
AH	30	33	40	45	55	65	81
AP	7	9	9	12	12	14	16
AT	3.2	3.2	3.2	3.6	4.5	4.5	8

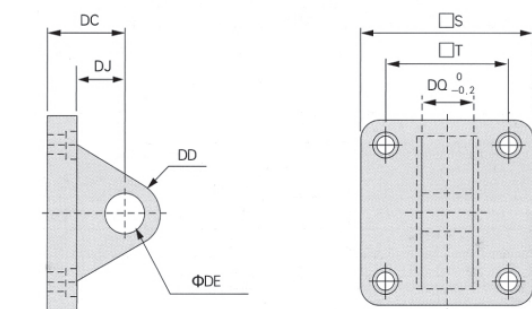
B-FA型尺寸/B-FA Size

B-FB型尺寸/B-FB Size



符号/内径(Symbol/Bore)	32	40	50	63	80	100	125
AJ	11	11	14	14	17.5	17.5	19
QK	7	7	7	9	10.5	10.5	13
BA	31	36	41	46	46	56	61
BB	10	10	12	12	16	16	20
BC	50	55	70	80	100	120	140
BD	32	36	45	50	63	75	110
BE	79	90	110	120	153	178	224
BF	64	72	90	100	126	150	180
BH	6.5	6.5	8.5	8.5	10.5	10.5	12.5
BP	7	9	9	9	12	14	16
T□	32.5	38	46.5	56.5	72	89	110

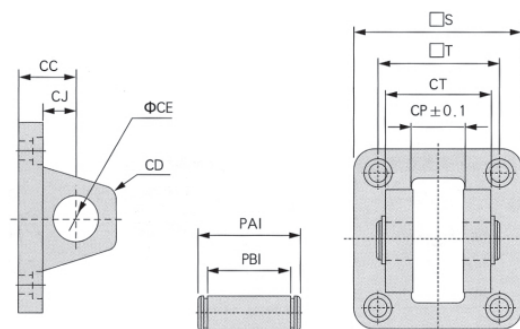
B-CA型尺寸/B-CA Size



符号/内径(Symbol/Bore)	32	40	50	63	80	100	125
S	46	52	65	75	95	114	140
T	32.5	38	46.5	56.5	72	89	110
DC	23	23	30	30	42	42	50
DD	10	11	15	15	23	23	25
DE	10	10	14	14	22	22	25
DJ	13	13	17	17	26	26	33
DQ	14	14	20	20	30	30	69.7

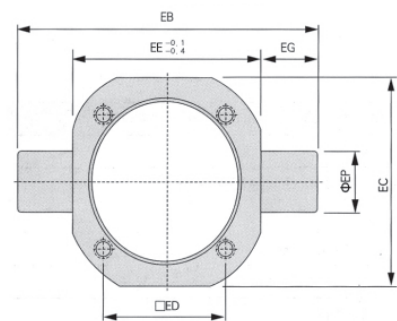
■ 安装附件/Mounting accessories kit

B-CB型尺寸/B-CB Size

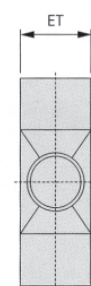


符号/内径(Symbol/Bore)	32	40	50	63	80	100	125
CC	23	23	30	130	42	42	50
CD	10	11	15	15	23	23	8
CE	10	10	14	14	22	22	25
CJ	13	13	17	17	26	26	31
CP	14	14	20	20	30	30	70
CT	28	28	40	40	60	60	130
PAI	35	36	48	48	69	69	139
PBI	29	29	41	41	61	61	131
S	46	52	65	75	95	114	140
T	32.5	38	46.5	56.5	72	89	110

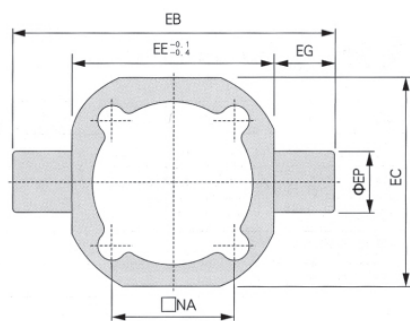
B-TC型尺寸/B-TC Size



B-MB系列用/Use for B-MB series



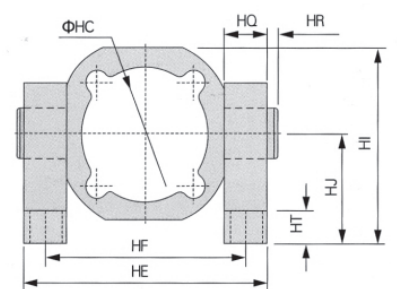
B-MBU系列用/Use for B-MBU series



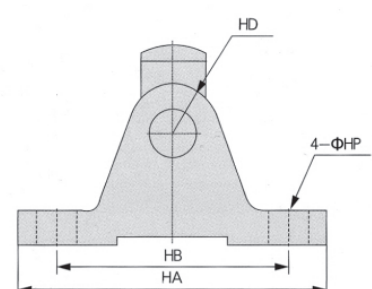
符号/内径(Symbol/Bore)	32	40	50	63	80	100	125
EB	74	95	107	130	150	182	210
EC	49	58	71	87	110	136	163
ED	32.5	38	46.5	56.5	72	89	110
EE	50	63	75	90	110	132	160
EG	12	17	17	20	20	25	25
EP	12	16	16	20	20	25	25
ET	17	22	22	28	34	40	45

B-TC-M型/B-TC-M Type

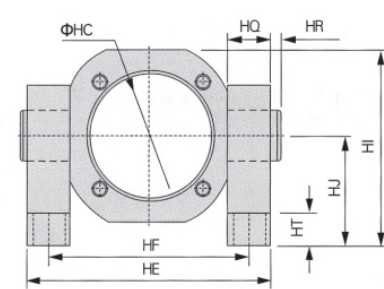
B-MBU系列用/Use for B-MBU series



B-TC-M系列用/Use for B-TC-M series

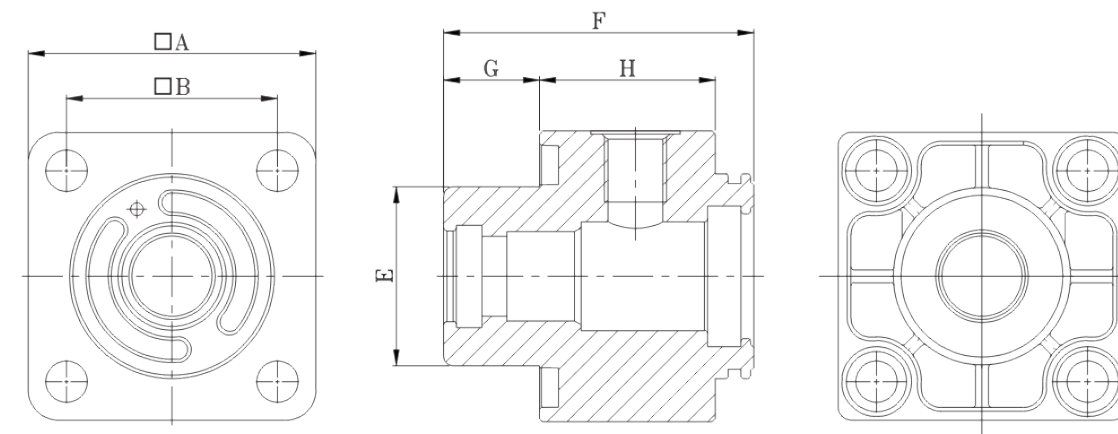


B-MB系列用/Use for B-MB series



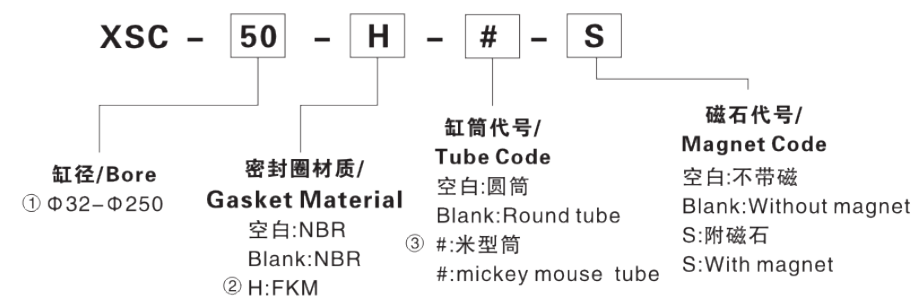
符号/内径 (Symbol/Bore)	32	40	50	63	80	100	125
HA	63	80	80	100	100	120	145
HB	45	60	60	70	70	90	105
HD	12	16	16	20	20	25	25
HE	74	96	107	130	150	180	210
HF	62	79	91	110	130	155	185
HI	60	74	80	103	115	143	166

符号/内径 (Symbol/Bore)	32	40	50	63	80	100	125
HJ	35	45	45	60	60	75	85
HQ	12	17	17	20	20	25	25
HR	0	1	1	1	1	1	1
HT	10	12	12	14	14	17	25
HP	7	9	9	11	11	14	18



XSC φ 32-φ 100端盖/Head							
规格 / Spc.	代号 / Code	A	B	E	F	G	H
φ 32		45	33	φ 27.3	49	15	27.5
φ 40		50	37	φ 31.3	51	15	27.5
φ 50		62	47	φ 37.3	51	15	27.5
φ 63		75	56	φ 37.3	51	15	27.5
φ 80		94	70	φ 46.3	62.5	21	33
φ 100		112	84	φ 46.3	64	21	33

■ 配件订购码/Kit Ordering Code

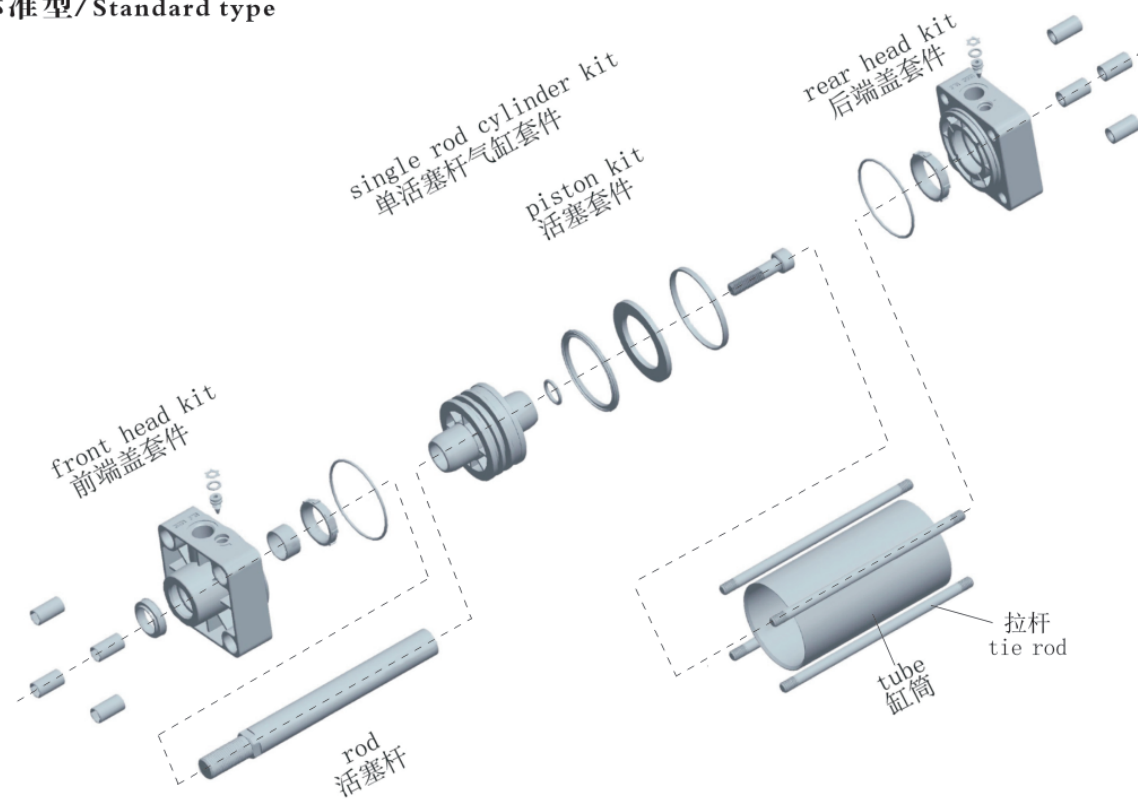


注: # 米型筒直径最大100。
Remark:
mickey mouse maximum diameter 100.

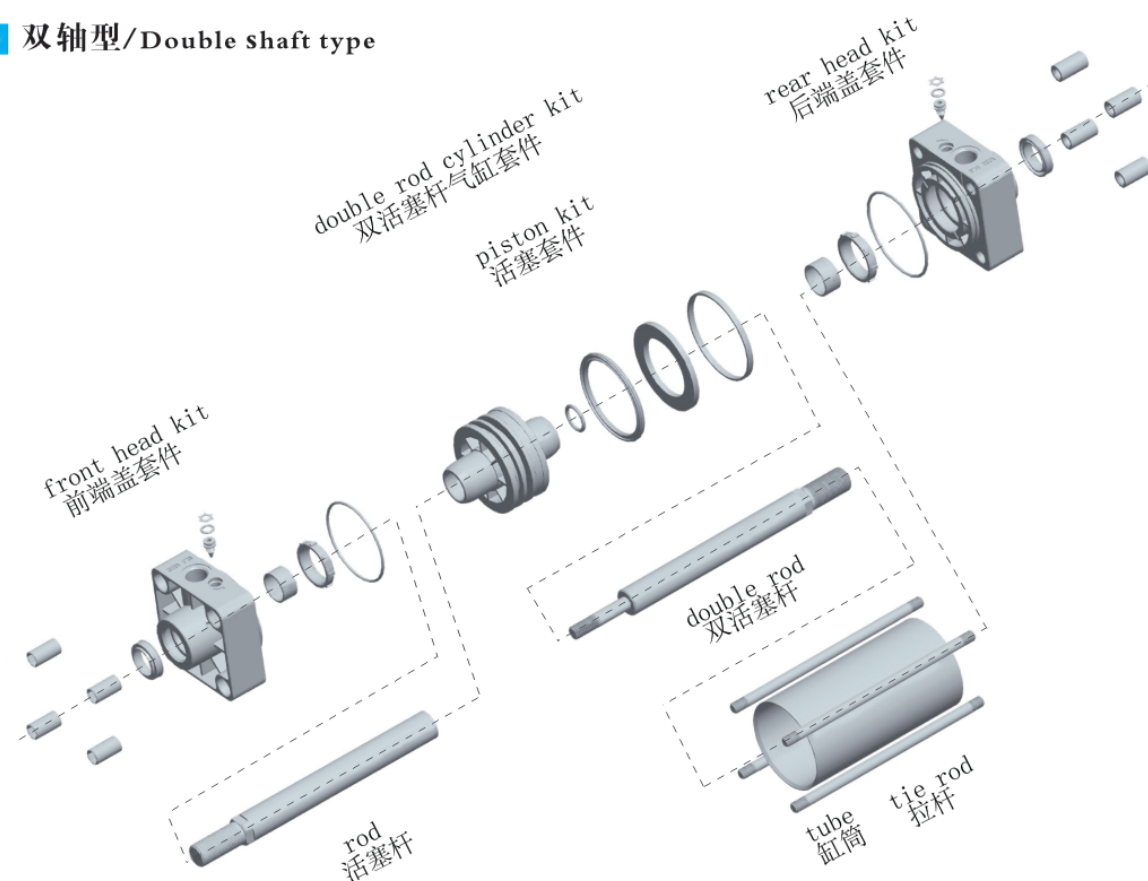
■ 规格/Specification

内径/Bore (mm)	32	40	50	63	80	100
普通高温使用温度范围/Available temperature °C	-10~250					
缓冲行程/Cushioning travel (mm)	21			28		29
接管口径/Port size	G1/8	G1/4		G3/8		G1/2

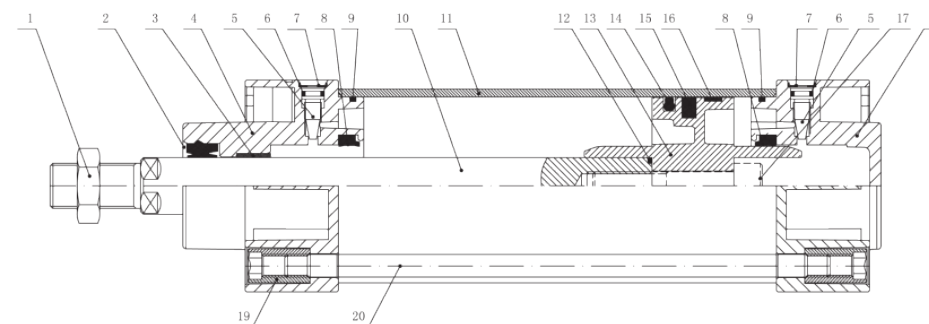
标准型/Standard type



双轴型/Double shaft type



内部结构及主要零件材质/Inner structure and material list for main parts

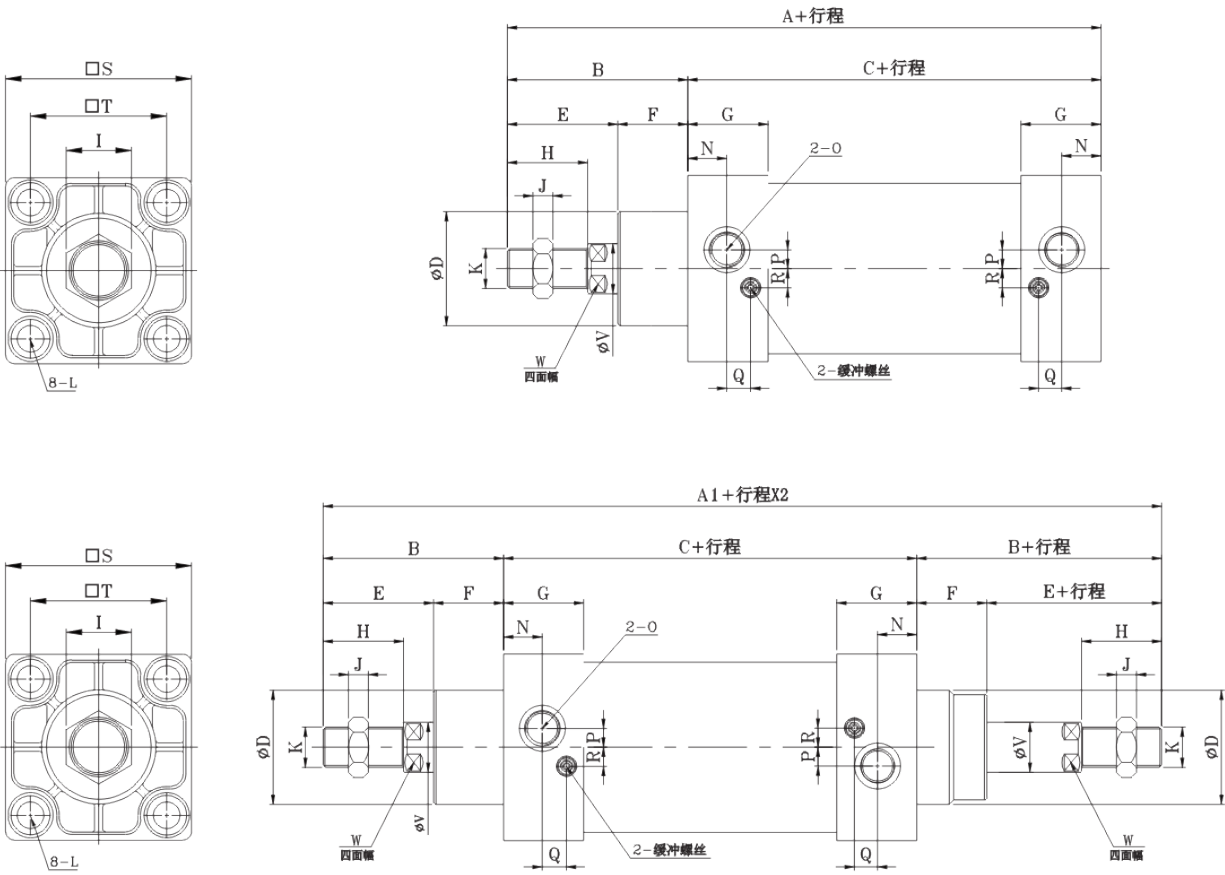


序号 No	名称 Name	材质 Material	序号 No	名称 Name	材质 Material
1	活塞杆螺帽 Nut for piston rod	碳钢 Carbon steel	11	缸筒 Tube	铝合金 Aluminium alloy
2	防尘圈 Anti dust seals	PU	12	活塞杆O型圈 O-ring for piston rod	NBR
3	含油轴承 Oil bearing	钢基粉末合金 Sinterized bronze	13	活塞 Piston	铝合金 Aluminium alloy
4	前端盖 Front cover	铝合金 Aluminium alloy	14	活塞圈 Piston ring	NBR
5	针阀 Air cushioning screw	黄铜 Brass	15	磁环 Magnet	铁氧体 Ferrite
6	针阀O型圈 O-ring for air cushioning screw	NBR	16	导向带 Wearing ring	POM
7	针阀卡环 Snap ring for air cushion hole screw	弹簧钢 Spring steel	17	活塞固定螺丝 Piston fixing screw	碳钢 Carbon steel
8	缓冲圈 Cushioning seals	NBR	18	后端盖 Back cover	铝合金 Aluminium alloy
9	管壁O型圈 O-ring for front cover	NBR	19	拉杆螺帽 Tie-rod nuts & screw	碳钢 Carbon steel
10	活塞杆 Piston rod	碳钢 Carbon steel	20	拉杆 Tie rod	碳钢 Carbon steel

密封件/Packing and O-Ring List-单圈活塞/Single ring piston

规格 Item	防尘圈 Rod packing	缓冲圈 Cushion packing	端盖O型圈 End cover O-Ring	磁环 Magnetic Ring	单活塞圈 Single ring piston	轴心圈 Piston O-Ring	缓冲O型圈 Cushion O-Ring
直径 Bore size mm	数量No	1	2	2	1	1	2
φ 32	BDRP-12	BPP-1622	φ 32※ φ 1.9	φ 28.5※17※5	COP-32	φ 12※ φ 2	φ 8※1.5
φ 40	BDRP-16	BPP-2028	φ 40※ φ 1.9	φ 36.5※22※5	COP-40	φ 16※ φ 2.4	φ 8※1.5
φ 50	BDRP-20	BPP-2836	φ 50※ φ 1.9	φ 46.5※30※5	COP-50	φ 20※ φ 2.4	φ 10※1.5
φ 63	BDRP-20	BPP-2836	φ 63※ φ 1.9	φ 59※40※5	COP-63	φ 20※ φ 2.4	φ 10※1.5
φ 80	BDRP-25	BPP-3545	φ 80※ φ 1.9	φ 76※58※5	COP-80	φ 25※ φ 2.4	φ 10※1.5
φ 100	BDRP-25	BPP-3545	φ 100※ φ 1.9	φ 96※77※5	COP-100	φ 25※ φ 2.4	φ 10※1.5

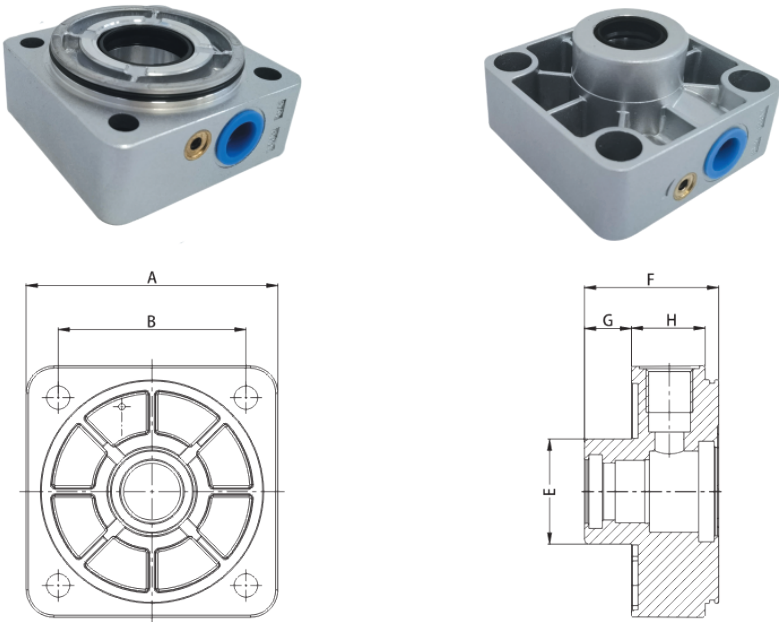
基本尺寸/Basic specification



内径/符号 (Bore/Symbol)	A	A1	B	C	D	E	F	G	H	I	J	K	L
φ 32	140	187	47	93	27.3	32	15	27.5	22	17	6	M10X1.25	M6
φ 40	142	191	49	93	31.3	34	15	27.5	24	19	7	M12X1.25	M6
φ 50	150	207	57	93	37.3	42	15	27.5	32	24	8	M16X1.5	M8
φ 63	153	210	57	96	37.3	42	15	27.5	32	24	8	M16X1.5	M8
φ 80	182	257	75	107	46.3	54	21	33	40	30	10	M20X1.5	M10
φ 100	188	263	75	113	46.3	54	21	33	40	30	10	M20X1.5	M10

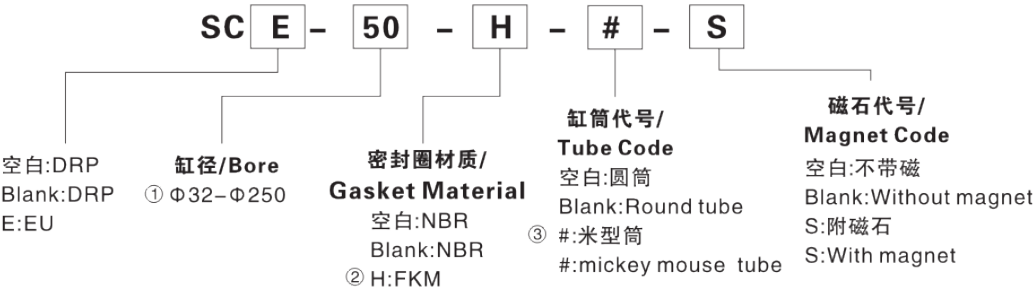
内径/符号 (Bore/Symbol)	N	O	P	Q	R	S	T	V	W
φ 32	14	G1/8	5.5	6	7.5	45	33	12	10
φ 40	15	G1/4	6	5	8.5	50	37	16	13
φ 50	17	G1/4	8.5	2.5	10	62	47	20	17
φ 63	15	G3/8	9.5	4	8.5	75	56	20	17
φ 80	19.5	G3/8	10	4.5	14	94	70	25	22
φ 100	16.5	G1/2	11	6.5	14	112	84	25	22

安装形式参考B-SC



B-SC φ 32-φ 250端盖/Head						
规格/Spc. 代号/Code	A	B	E	F	G	H
φ 32	47	33	φ 28	48.5	15	27.5
φ 40	53	37	φ 32	48.5	15	27.5
φ 50	62	47	φ 37.5	48.5	15	27.5
φ 63	75	56	φ 37.2	49	15	27.5
φ 80	94	70	φ 46.6	60.5	21	33
φ 100	112	84	φ 46.6	60.5	21	33
φ 125	138	104	φ 52	64.5	20	38
φ 160	174	134	φ 62	70.5	25	38
φ 200	214	163	φ 62	78	30	38
φ 250	266	202	φ 86	95	35	48
φ 300	330	270	φ 96	121	60	49

配件订购码/Kit Ordering Code

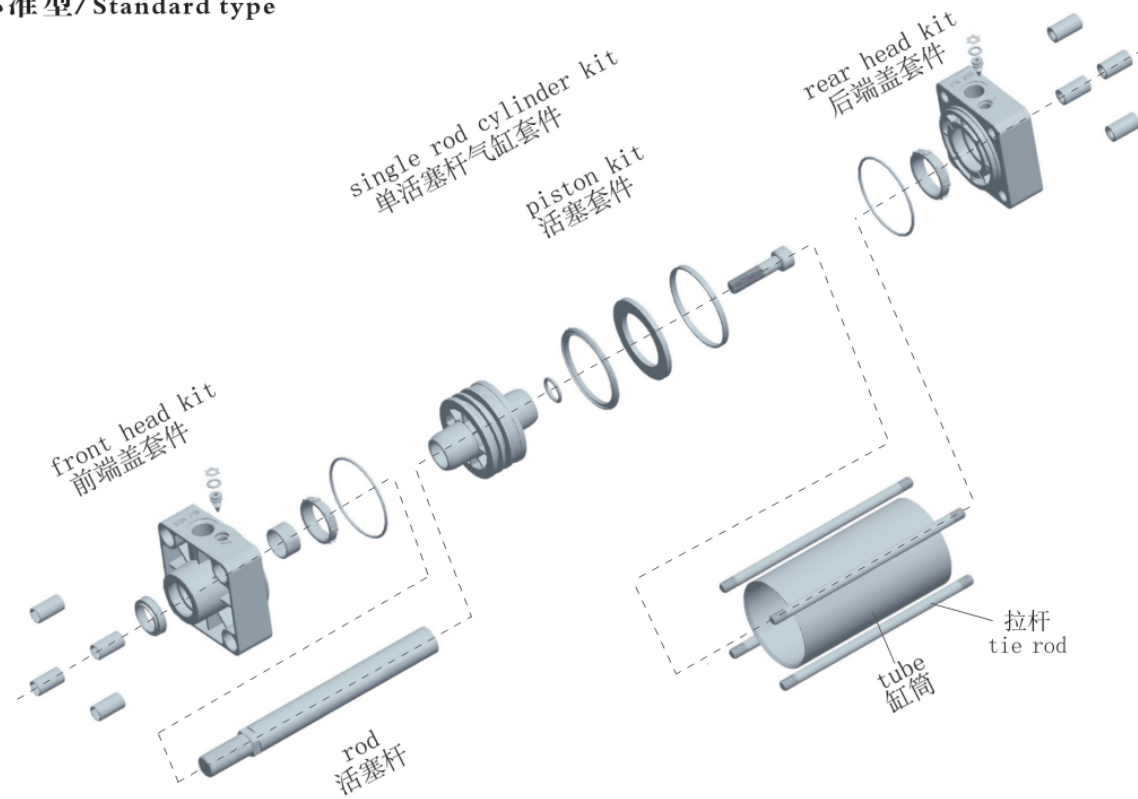
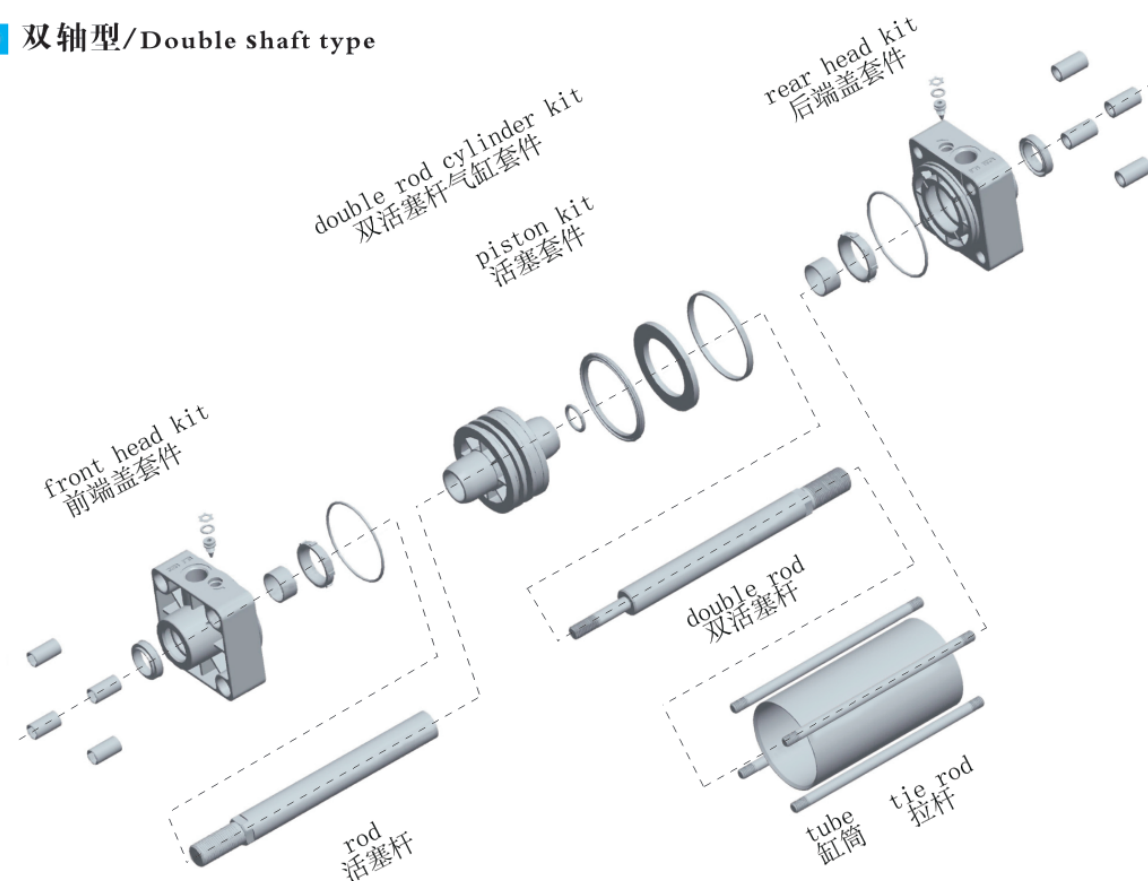


注：① SC300为低压铸件。
② SCE高温EU防尘只限于 φ 32-φ 100。
③ # 米型筒直径最大100。

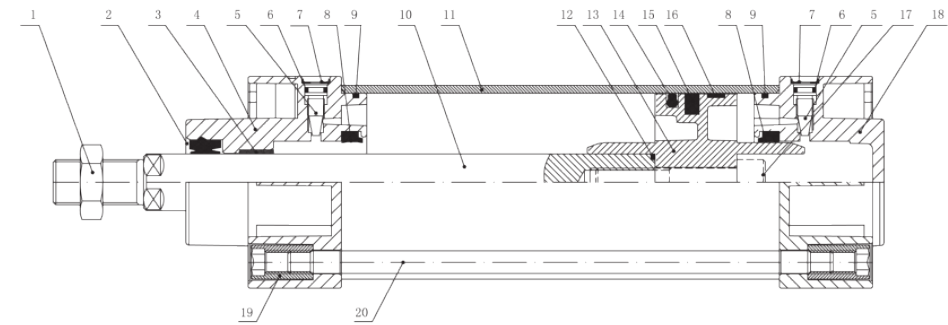
Remark:
① SC300 low pressure casting.
② SCE Available for φ 32-φ 100 only
③ # mickey mouse maximum diameter 100.

规格/Specification

内径/Bore (mm)	32	40	50	63	80	100	125	160	200	250
普通高温范围/Available temperature ℃	-10~250									
缓冲行程/Cushioning travel (mm)	20	23	24	30	28	29	37	40		
接管口径/Port size	G1/8	G1/4	G3/8	G1/2	G3/4	G1				

 标准型/Standard type **双轴型/Double shaft type**

内部结构及主要零件材质/Inner structure and material list for main parts



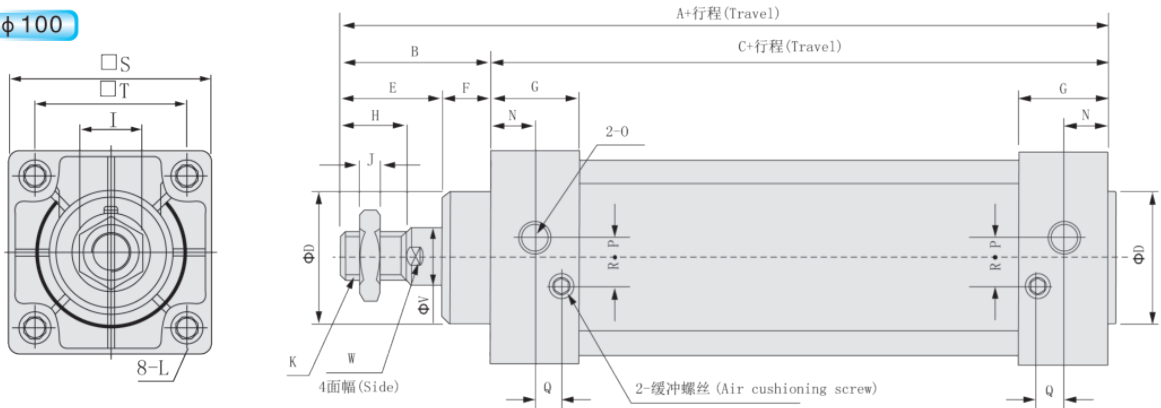
序号 No	名称 Name	材质 Material	序号 No	名称 Name	材质 Material
1	活塞杆螺帽 Nut for piston rod	碳钢 Carbon steel	11	缸筒 Tube	铝合金 Aluminium alloy
2	防尘圈 Anti dust seals	PU	12	活塞杆O型圈 O-ring for piston rod	NBR
3	含油轴承 Oil bearing	钢基粉末合金 Sinterized bronze	13	活塞 Piston	铝合金 Aluminium alloy
4	前端盖 Front cover	铝合金 Aluminim alloy	14	活塞圈 Piston ring	NBR
5	针阀 Air cushioning screw	黄铜 Brass	15	磁环 Magnet	铁氧体 Ferrite
6	针阀O型圈 O-ring for air cushioning screw	NBR	16	导向带 Wearing ring	POM
7	针阀卡环 Snap ring for air cushion hole screw	弹簧钢 Spring steel	17	活塞固定螺丝 Piston fixing screw	碳钢 Carbon steel
8	缓冲圈 Cushioning seals	NBR	18	后端盖 Back cover	铝合金 Aluminium alloy
9	管壁O型圈 O-ring for front cover	NBR	19	拉杆螺帽 Tie-rod nuts & screw	碳钢 Carbon steel
10	活塞杆 Piston rod	碳钢 Carbon steel	20	拉杆 Tie rod	碳钢 Carbon steel

密封件/Packing and O-Ring List-单圈活塞/Single ring piston

规格 Item	防尘圈 Rod packing	缓冲圈 Cushion packing	端盖O型圈 End cover O-Ring	磁环 Magnetic Ring	单活塞圈 Single ring piston	轴心圈 Piston O-Ring	缓冲O型圈 Cushion O-Ring
数量No. 直径 Bore size mm	1	2	2	2	1	1	2
φ 32	BDRP-12	BPP-1622	φ 32※1.9	φ 31.5※21※5	BCOP-32	φ 12※2	φ 8※1.5
φ 40	BDRP-16	BPP-2028	φ 40※1.9	φ 39.5※26※5	BCOP-40	φ 16※2.4	φ 8※1.5
φ 50	BDRP-20	BPP-2836	φ 50※1.9	φ 49.5※35※5	BCOP-50	φ 20※2.4	φ 8※1.5
φ 63	BDRP-20	BPP-2836	φ 63※1.9	φ 62.5※48※5	BCOP-63	φ 20※2.4	φ 8※1.5
φ 80	BDRP-25	BPP-3545	φ 80※1.9	φ 79.5※65※5	BCOP-80	φ 25※2.4	φ 8※1.5
φ 100	BDRP-25	BPP-3545	φ 100※1.9	φ 99.5※85※5	BCOP-100	φ 25※2.4	φ 8※1.5
φ 125	BDRP-32	BPP-4050	φ 125※2.4	φ 119.5※96※6	BCOP-125	φ 32※3.1	φ 12※1.5
φ 160	BDRP-40	BPP-5060	φ 160※3.1	φ 154.5※131※6	BCOP-160	φ 40※3.1	φ 12※1.5
φ 200	BDRP-40	BPP-5060	φ 200※3.1	φ 195※172※6	BCOP-200	φ 40※3.1	φ 12※1.5
φ 250	BDRP-50	BPP-5774	φ 250※4	φ 245※222※6	BCOP-250	φ 50※3.1	φ 16※2
φ 300	BDRP-63	BPP-7895	φ 300※3.5	φ 266※296※6	BCOP-300	φ 63※3.1	φ 16※2

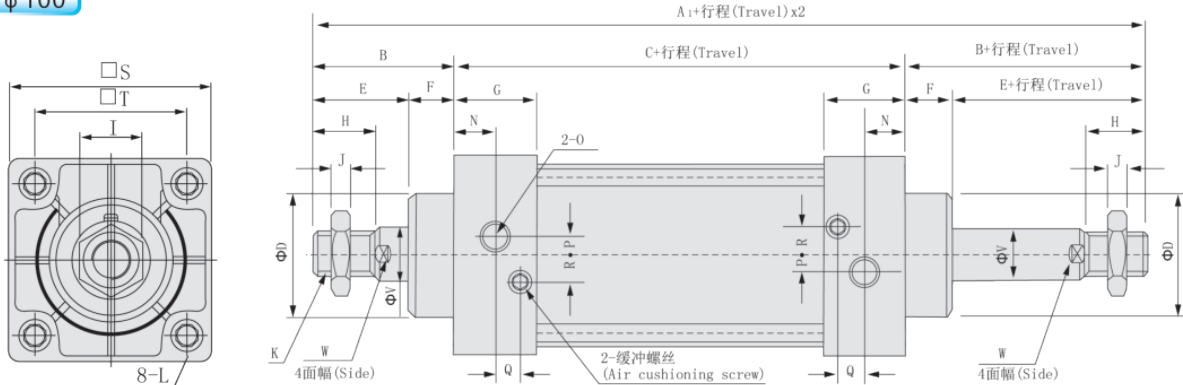
基本尺寸/Basic specification

φ32~φ100



基本尺寸/Basic specification

φ32~φ100

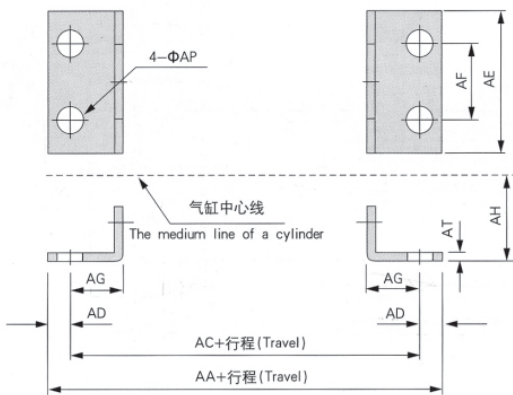


内径/符号 (Bore/Symbol)	A	A ₁	B	C	D	E	F	G	H	I	J	K	L
32	140	187	47	93	28	32	15	27.5	22	17	6	M10×1.25	M6
40	142	191	49	93	32	34	15	27.5	24	19	7	M12×1.25	M6
50	150	207	57	93	38	42	15	27.5	32	24	8	M16×1.5	M6
63	153	210	57	96	37.3	42	15	27.5	32	24	8	M16×1.5	M8
80	184	259	75	109	37.2	54	21	33	40	30	10	M20×1.5	M10
100	190	265	75	115	46.6	54	21	33	40	30	10	M20×1.5	M10
125	203	291	88	115	52	68	20	38	54	36	12	M27×2.0	M12
160	239	352	113	126	62	88	25	38	72	50	14	M36×2.0	M16
200	244	362	118	126	62	88	30	38	72	50	14	M36×2.0	M16
250	294	435	141	153	86	106	35	48	84	64	20	M42×2.0	M20
300	319	485	166	153	96	106	60	49	84	64	20	M42×2.0	M20

内径/符号 (Bore/Symbol)	N	O	P	Q	R	S	T	V	W
32	14	G1/8	5.5	6	5.5	45	33	12	10
40	15	G1/4	5	5	7.5	50	37	16	14
50	15	G1/4	8	4	9	62	47	20	17
63	15	G3/8	9.5	4	8	75	56	20	17
80	16	G3/8	9	8	13.5	94	70	25	22
100	17	G1/2	11	7	13.5	112	84	25	22
125	19	G1/2	15	5	15	138	104	32	27
160	19	G3/4	15	6	15	174	134	40	36
200	19.5	G3/4	15	4	15	214	163	40	36
250	20.4	G1	26.4	10.2	26.4	266	202	50	46
300	25	G1	0	5	0	330	270	50	46

安装附件/Mounting accessories kit

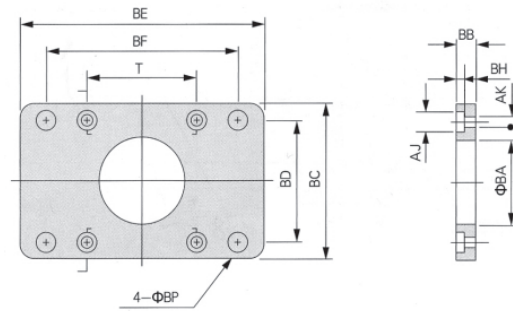
B-LB型尺寸/B-LB Size



符号/内径 (Symbol/Bore)	32	40	50	63	80	100	125	160	200	250
AA	152	169	173	184	200	210	221	246	276	323
AC	134	140	149	158	168	174	185	206	226	273
AD	9.5	14.5	12	13	16	18	18	20	25	25
AE	50	57	68	80	97	112	138	174	214	267
AF	33	36	47	56	70	84	104	134	163	201
AG	20.5	23.5	28	31	30	30	35	40	50	60
AH	28	30	36.5	41	49	57	70	91	113.5	141
AP	9	12	12	12	14	14	17	17	22	26
AT	3	3	3	3	4	4	6	8	9	15

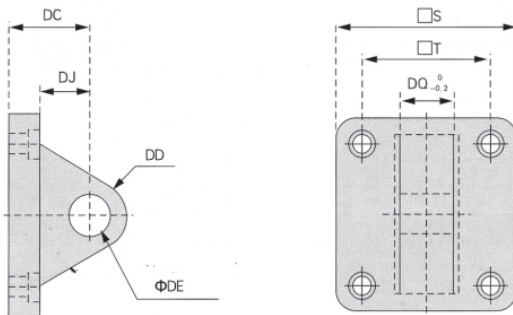
B-FA型尺寸/B-FA Size

B-FB型尺寸/B-FB Size



符号/内径 (Symbol/Bore)	32	40	50	63	80	100	125	160	200	250
BA	28.3	32.3	38.3	38.3	47.3	47.5	52.5	62.5	62.5	86.5
BB	10	10	10	12	16	16	20	20	25	25
BC	47	52	65	76	95	115	140	177	217	270
BD	33	36	47	56	70	84	104	134	163	201
BE	72	84	104	116	143	162	196	248	286	356
BF	58	70	86	98	119	138	168	212	250	312
BH	6.5	6.5	6.5	8.5	10.5	10.5	12.5	16.5	16.5	20.5
AJ	10.5	10.5	10.5	13.5	16.5	16.5	19	25	25	31
AK	6.5	6.5	6.5	8.5	10.5	10.5	12.5	16.5	16.5	20.5
BP	7	7	9	9	11	11	14	18	18	22
T	33	37	47	56	70	84	104	134	163	202

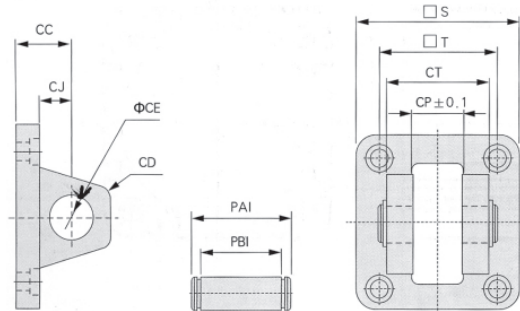
B-CA型尺寸/B-CA Size



符号/内径 (Symbol/Bore)	32	40	50	63	80	100	125	160	200	250
S	48	50	62	75	94	112	138	173	213	255
T	33	37	47	56	70	84	104	134	163	202
DC	34	34	34	34	48	48	32	40	60	70
DD	14	14	15	15	20	20	20	28	30	36
DE	12	14	14	14	20	20	20	28	28	36
DJ	24	24	24	24	34	34	15	20.5	37	46
DQ	16	20	20	20	32	32	31.7	39.7	39.7	49.7

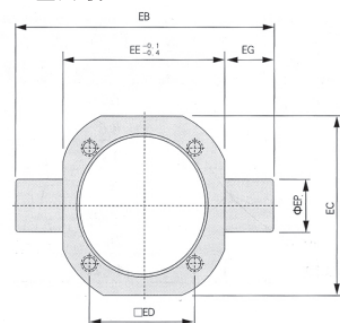
● 安装附件/Mounting accessories kit

B-CB型尺寸/B-CB Size

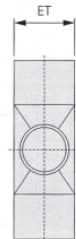


符号/内径 (Symbol/Bore)	32	40	50	63	80	100	125	160	200	250
CC	19	19	19	19	32	32	32	40	60	70
CD	5	5	3	3	8	8	10			
CE	12	14	14	14	20	20	20	28	28	36
CJ	11	11	11	11	21	21	18	25	37	46
CP	16.3	20.3	20.3	20.3	32.3	32.3	32.1	40.1	40.1	50.1
CT	32	44	52	52	64	64	64	80	80	100
PAI	41	51.8	60.3	60.3	73.8	73.8	73	90.2	90.2	130
PBI	33.5	45.5	54	54	65.5	65.5	64.8	80.8	80.8	108
S	48	50	62	75	94	112	138	174	214	267
T	33	37	47	56	70	84	104	134	163	202

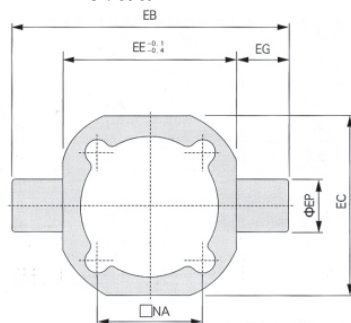
B-TC型尺寸/B-TC Size



B-SC系列用/Use for B-SC series



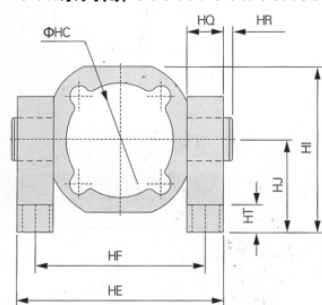
B-SCII系列用/Use for B-SCII series



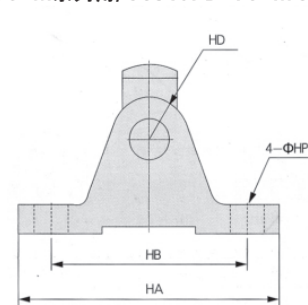
内径/符号(Bore/Symbol)	EB	EC	ED	EE	EG	EP	ET
40	113	63	37	63	25	25	30
50	126	76	47	76	25	25	30
63	138	88	56	88	25	25	30
80	164	114	70	114	25	25	35
100	182	132	84	132	25	25	38
125	208	158	104	158	25	25	40
160	272	200	134	200	36	36	46
200	318	246	163	246	36	36	46
250	394	304	202	304	45	45	56

B-TC-M型/B-TC-M Type

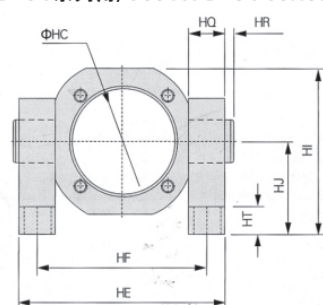
B-SCII系列用/Use for SCII series



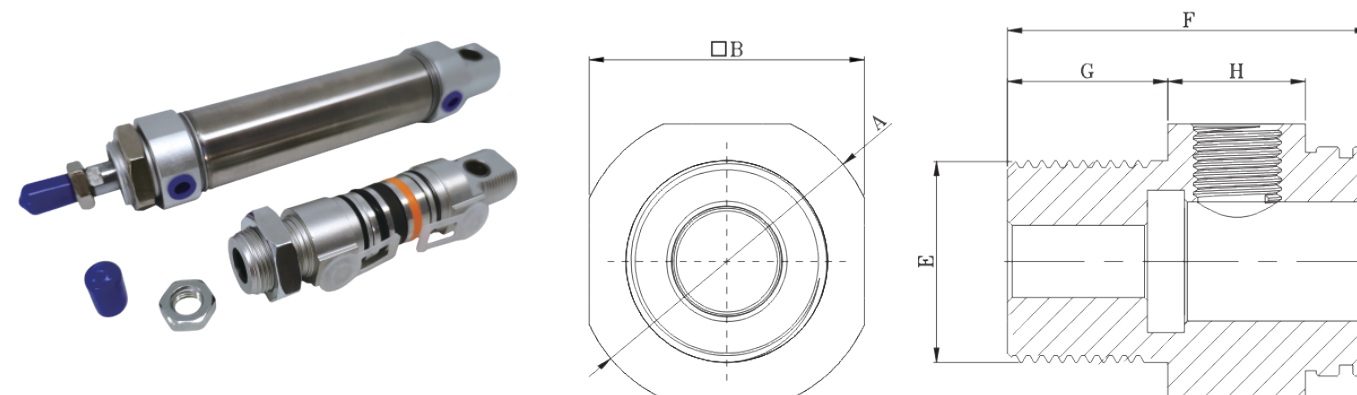
B-TC-M系列用/Use for B-TC-M series



B-SC系列用/Use for B-SC series



内径/符号(Bore/Symbol)	HA	HB	HE	HF	HJ	HQ	HR	HT	HP
40	110	80	109	86	50	23	2	12	12
50	110	80	122	99	50	23	2	12	12
63	110	80	134	111	50	23	2	12	12
80	120	85	160	137	70	23	2	14	14
100	120	85	178	155	70	23	2	14	14
125	145	105	211	183	85	23	2	20	18
160	185	140	272	236	130	34	2	25	22
200	185	140	318	282	130	34	2	25	22
250	215	165	394	349	160	43	2	28	26

符合ISO 6432标准
ISO 6432 STANDARD

MI φ 12-φ 40端盖/Head							
规格 / Spc.	代号 / Code	A	B	E	F	G	H
φ 12		φ 19.7	18	M16X1.5	36.5	17	12.5
φ 16		φ 19.7	18	M16X1.5	36.5	17	12.5
φ 20		φ 28	24	M22X1.5	42	20	15
φ 25		φ 33	30	M22X1.5	45.5	22	16.5
φ 32		φ 37.5	34.5	M30X1.5	55	30	17
φ 40		φ 46.5	42.5	M38X1.5	66.5	35	22.5

● 配件订购码/Kit Ordering Code

MI	-	S	-	20	-	B	-	LB
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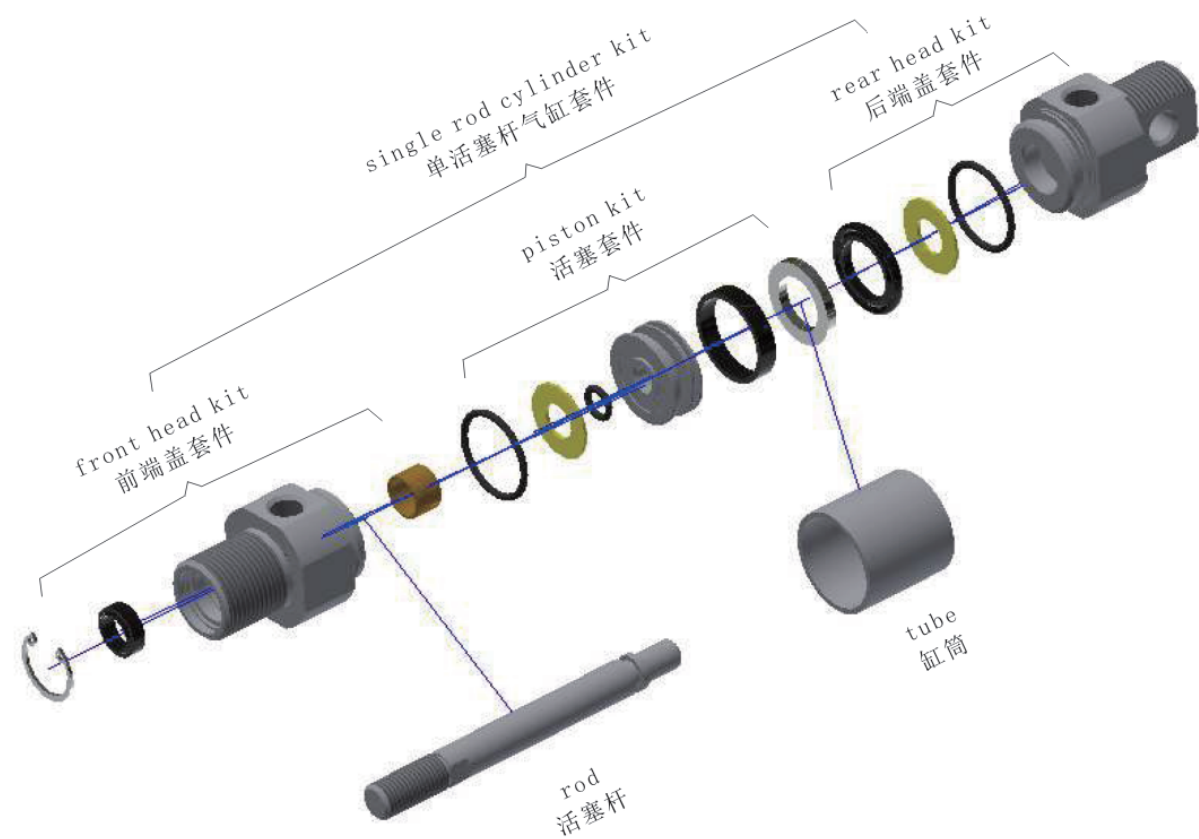
型号/Model	感应磁石/Magnet	缸径/Bore	牙型/Thread code	固定型式/ Mounting type
MI:标准复动型 MI: Standard double action	S:附磁石 S:With magnet 空白:不附磁 Blank:without magnet		空白: 内牙 Blank: Inner thread B: 外牙/Outer thread N: 无牙/Without thread	空白: 基本型/Basic LB: 脚架安装 /Foot mount FA/FB: 法兰安装 /Flange mount CA: 单耳环安装 /Male clevis CB: 双耳环安装 /Female clevis

※无牙轴心长度与内牙相同
Female thread and without thread have the same length of the piston rod.

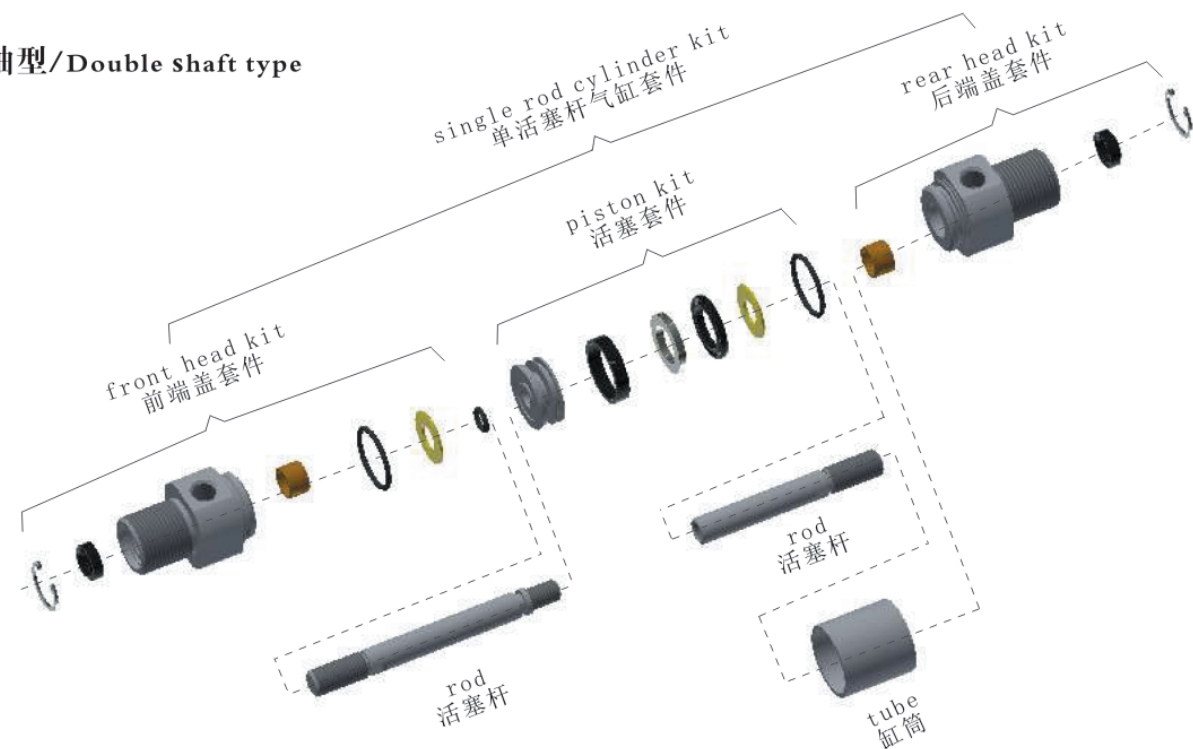
● 规格/Specification

内径/Bore (mm)	12	16	20	25	32	40
普通高温使用温度范围/Available temperature °C	-10~250					
接管口径/Port size	M5	G1/8				G1/4

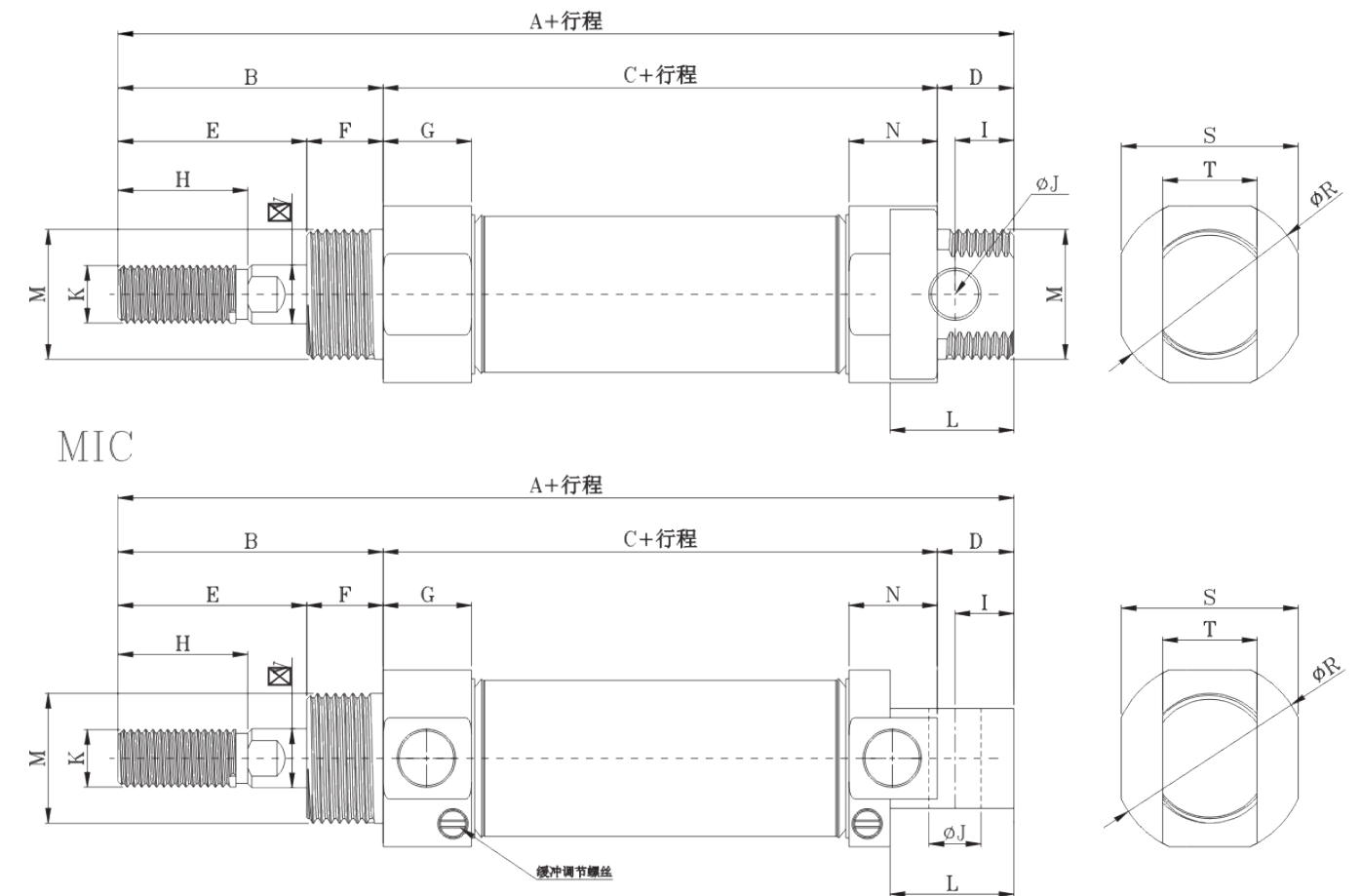
标准型/Standard type



双轴型/Double shaft type

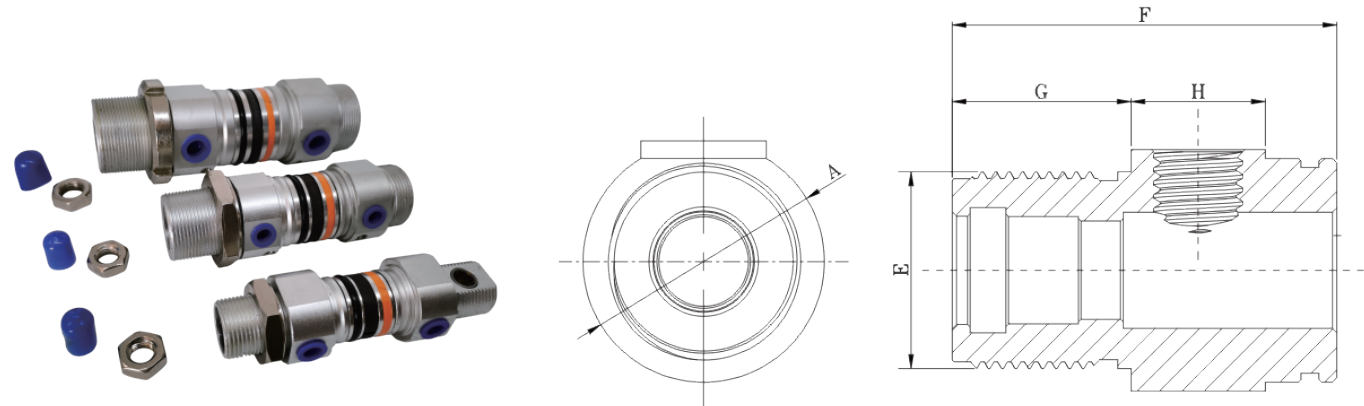


基本尺寸/Basic specification



内径/符号 (Bore/Symbol)	A	B	C	D	E	F	G	H	I	J
φ 12	105	38	50	17	21	17	12.5	16	14	6
φ 16	111	38	56	17	21	17	12.5	16	13	6
φ 20	126	44	62	20	24	20	15	20	11	8
φ 25	137	50	65	22	28	22	16.5	22	11	10
φ 32	140	58	68	14	28	30	17	28	12	10
φ 40	174	69	89	16	34	35	22.5	24	12	10

内径/符号 (Bore/Symbol)	K	L	M	N	R	S	T	V
φ 12	M6X1	24	M16X1.5	10.5	19.7	18	12	6
φ 16	M6X1	23	M16X1.5	10.5	19.7	18	12	6
φ 20	M8X1.25	23	M22X1.5	15	28	24	16	8
φ 25	M10X1.25	23	M22X1.5	16.5	33	30	16	10
φ 32	M10X1.25	26.5	M30X1.5	17	37.5	34.5	20	12
φ 40	M12X1.25	26.5	M38X1.5	22.5	46.5	42.5	20	16



DSNU φ 12-φ 40端盖/Head						
规格 / Spc.	代号 / Code	A	E	F	G	H
φ 12		φ 21	M16X1.5	35	17	16
φ 16		φ 21	M16X1.5	35	16	16
φ 20		φ 27.3	M22X1.5	45	20	16
φ 25		φ 27.3	M22X1.5	47.75	22	16
φ 32		φ 38	M30X1.5	51.75	26	18
φ 40		φ 46	M38X1.5	63.8	30	24

配件订购码/Kit Ordering Code

DSNU

-

S

-

20

-

B

-

LB

型号/Model

感应磁石/Magnet

缸径/Bore

牙型/Thread code

固定型式/
Mounting type

DSNU:标准复动型
DSNU: Standard
double action

S:附磁石
S:With magnet
空白:不附磁
Blank:without magnet

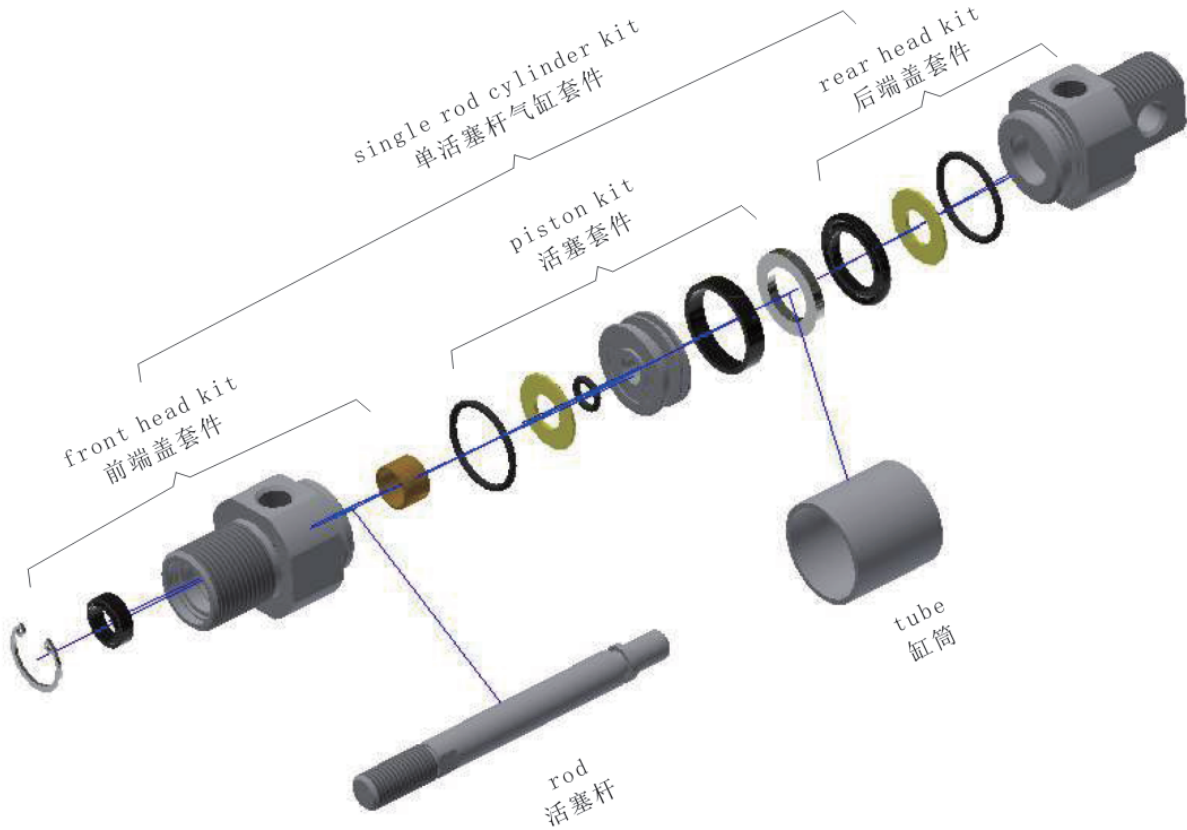
空白: 基本型/Basic
LB: 脚架安装
/Foot mount
FA/FB: 法兰安装
/Flange mount
CA: 单耳环安装
/Male clevis
CB: 双耳环安装
/Female clevis

※无牙轴心长度与内牙相同
Female thread and without thread have the same length of the piston rod.

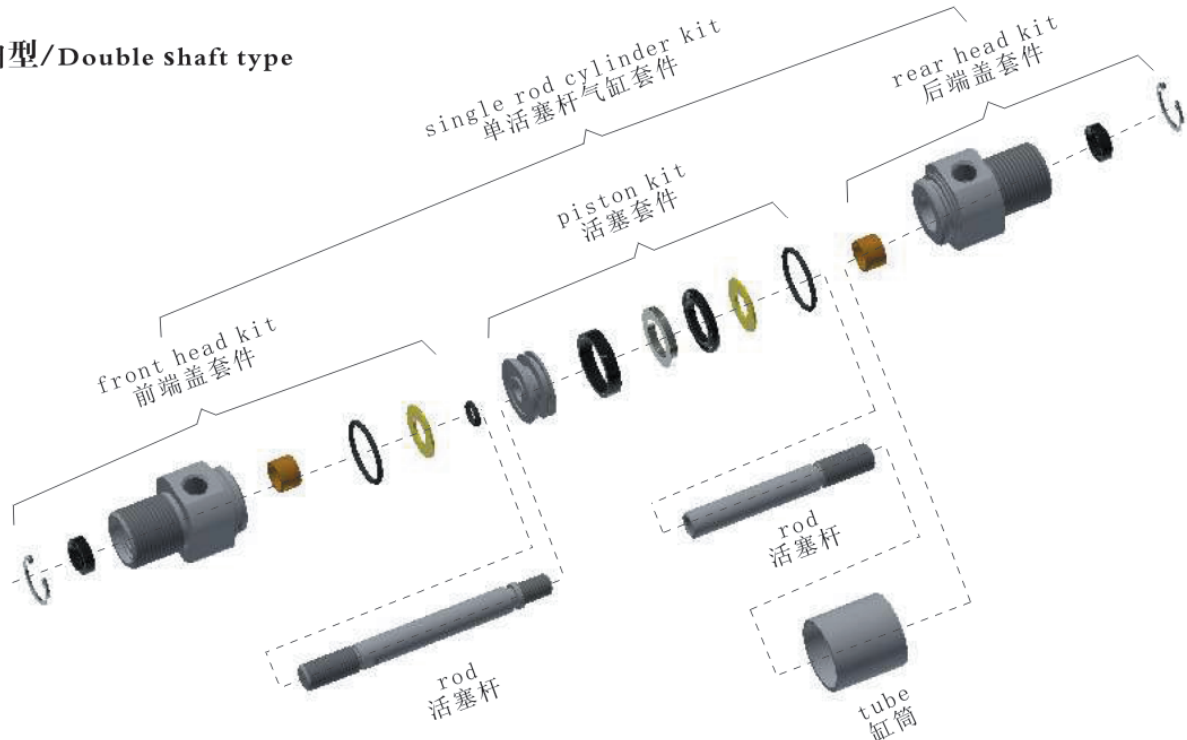
规格/Specification

内径/Bore (mm)	12	16	20	25	32	40
普通高温使用温度范围/Available temperature °C	-10~250					
接管口径/Port size	M5	G1/8				G1/4

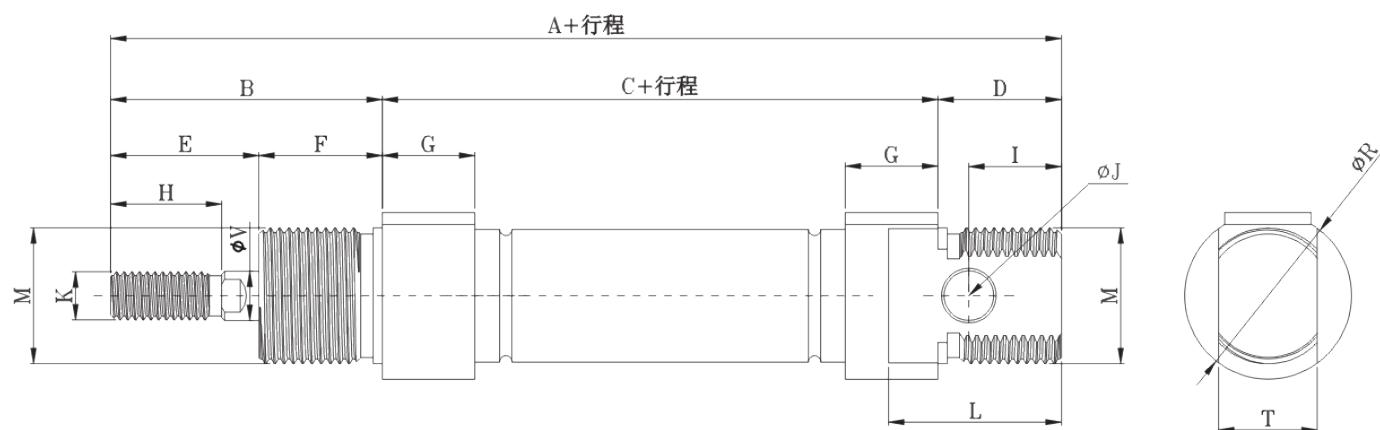
标准型/Standard type



双轴型/Double shaft type

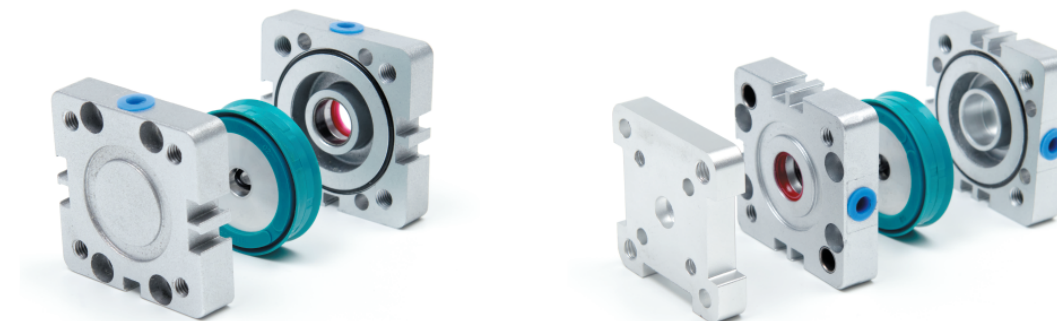


基本尺寸/Basic specification



内径/符号 (Bore/Symbol)	A	B	C	D	E	F	G	H	I	J
φ 12	105	38	50	17	21	17	10	16	14	6
φ 16	111	38	56	17	21	17	10	16	13	6
φ 20	132	44	68	20	24	20	16	20	17	8
φ 25	141.5	50	69.5	22	28	22	16	22	15.5	8
φ 32	151.5	56	69.5	26	30	26	18	22	12	10
φ 40	177.6	63	84.6	30	33	30	24	24	14	12

内径/符号 (Bore/Symbol)	K	L	M	R	T	V
φ 12	M6X1	24	M16X1.5	21	12	6
φ 16	M6X1	23	M16X1.5	21	12	6
φ 20	M8X1.25	29	M22X1.5	27.3	16	8
φ 25	M10X1.25	27.5	M22X1.5	27.3	16	10
φ 32	M10X1.25		M30X1.5	38	16	12
φ 40	M2X1.25		M38X1.5	46	18	16



配件订购码/Kit Ordering Code

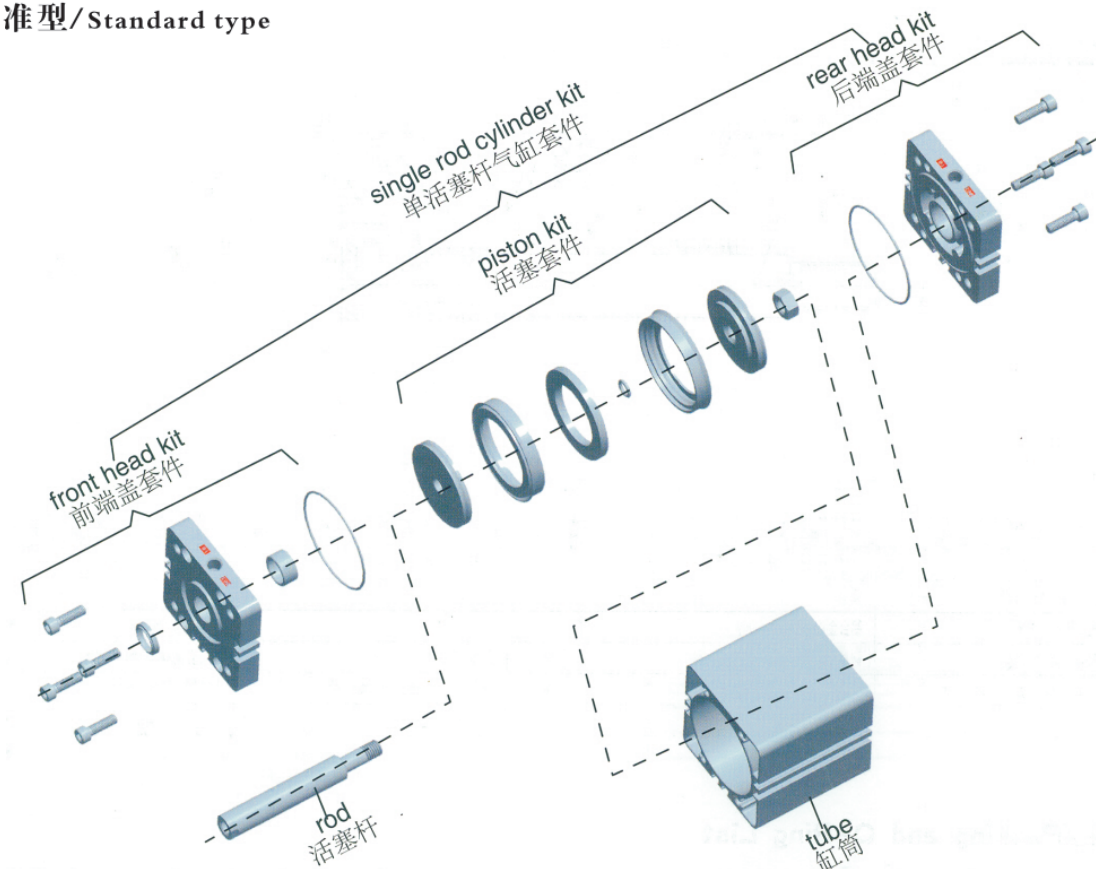
ADN	S	20	B	LB
型号/Model	感应磁石/Magnet	缸径/Bore	牙型/Thread code	固定型式/ Mounting type
ADN:标准复动型 ADN: Standard double action TADN: Anti-rotation cylinder	S:附磁石 S:With magnet 空白:不附磁 Blank:without magnet		空白: 内牙 Blank: Inner thread B: 外牙/Outer thread N: 无牙/Without thread	空白: 基本型/Basic LB: 脚架安装 /Foot mount FA/FB: 法兰安装 /Flange mount CA: 单耳环安装 /Male clevis CB: 双耳环安装 /Female clevis

※无牙轴心长度与内牙相同
Female thread and without thread have the same length of the piston rod.

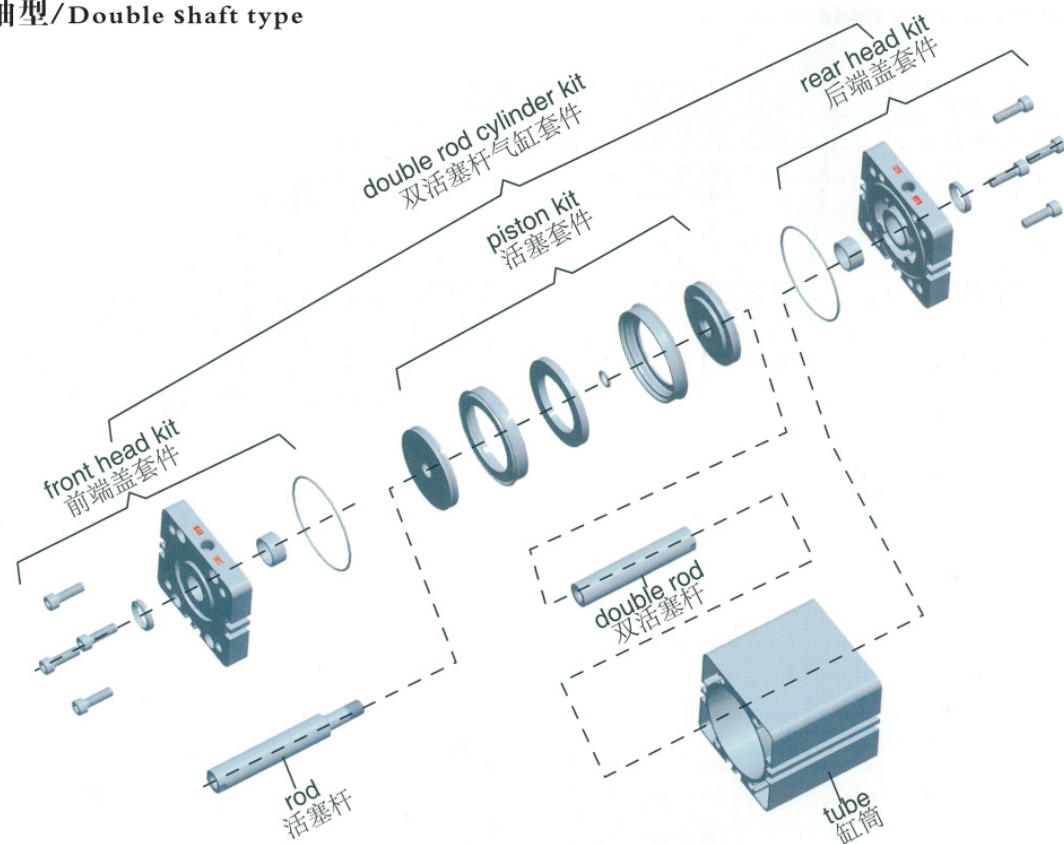
规格/Specification

内径/Bore (mm)	12	16	20	25	32	40	50	63	80	100	125
普通高温使用温度范围/Available temperature °C	-10~250										
接管口径/Port size	M5			G1/8			G1/8		G1/4		

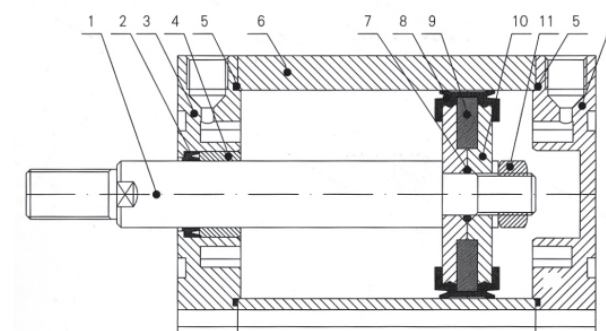
标准型/Standard type



双轴型/Double shaft type



内部结构及主要零件材质/Inner structure and material list for main parts



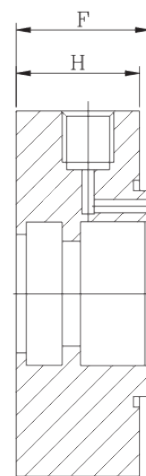
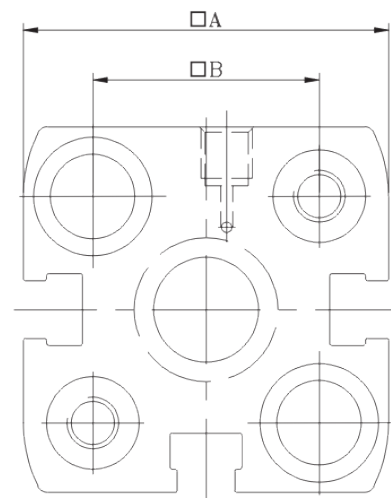
序号 No	名称 Name	材质 Material	序号 No	名称 Name	材质 Material
1	活塞杆 Piston rod	碳钢 Carbon steel	7	活塞杆O型圈 O-ring for piston rod	NBR
2	防尘圈 Anti dust seals	NBR	8	组合活塞圈 Piston ring	TPU
3	前端盖 Front cover	铝合金 Aluminum alloy	9	磁环 Magnet	铁氧体 Ferrite
4	含油轴承 Oil bearing	钢基粉末合金 Sinterized bronze	10	活塞 Piston	铝合金 Aluminium alloy
5	管壁O型圈 O-ring for front cover	NBR	11	活塞杆螺帽 Nut for piston rod	碳钢 Carbon steel
6	缸筒 Tube	铝合金 Aluminum alloy	12	后端盖 Back cover	铝合金 Aluminium alloy

密封件/Packing and O-Ring List

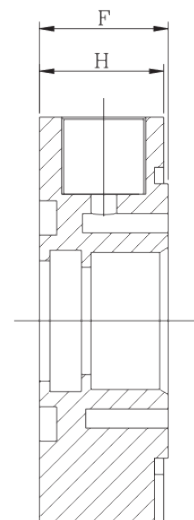
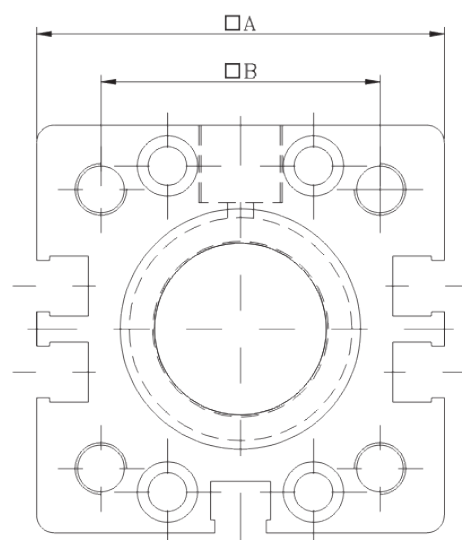
规格 Item	防尘圈 Rod packing	端盖O型圈 Front cover O-Ring	活塞圈 Piston	磁环 Magnetic Ring	轴心圈 Piston O-Ring
数量No. 直径 Bore size mm	1	2	1	2	1
φ 12	EM-6	φ 12※1	φ 11.5※7.5※2	BOPA-12	
φ 16	EM-8	φ 16※1	φ 15.5※10※2	BOPA-16	
φ 20	EM-10	φ 20※1	φ 17※12※2.5	BOPA-20	φ 6※1
φ 25	EM-10	φ 25※1	φ 22※14※2.5	BOPA-25	φ 6※1
φ 32	EM-12	φ 32※1.5	φ 27.5※16※5	BOPA-32	φ 7.2※1.6
φ 40	EM-12	φ 40※1.5	φ 35.5※20※5	BOPA-40	φ 7.2※1.6
φ 50	EM-16	φ 50※1.5	φ 45.5※32※5	BOPA-50	φ 12※2
φ 63	EM-16	φ 63※1.5	φ 58.5※40※5	BOPA-63	φ 12※2
φ 80	EM-20	φ 80.2※2.4	φ 75.5※58※5	BOPA-80	φ 15※2
φ 100	EM-20	φ 100※2.4	φ 95.5※77※5	BOPA-100	φ 18※2
φ 125	EM-25	φ 121※2.1	φ 122※108※5	BOPA-125	φ 15.6※1.78

基本尺寸/Basic specification

φ 12 ~ φ 25



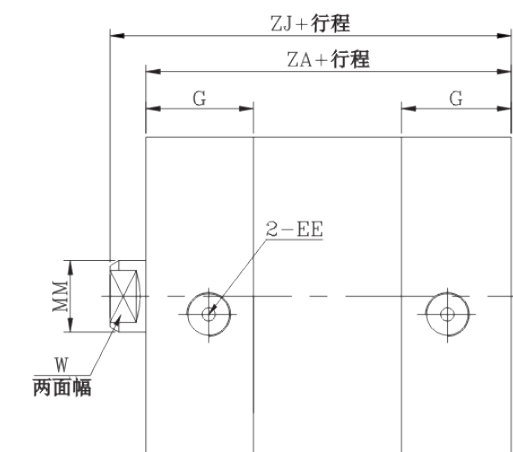
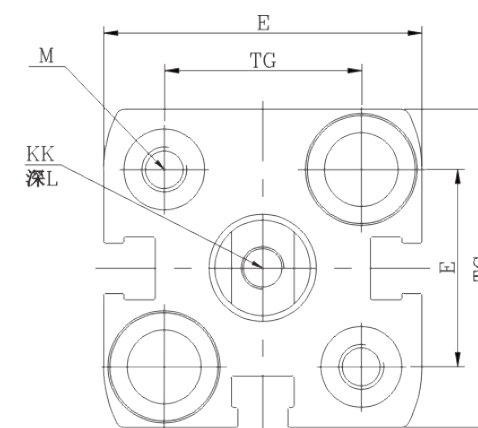
φ 32 ~ φ 125



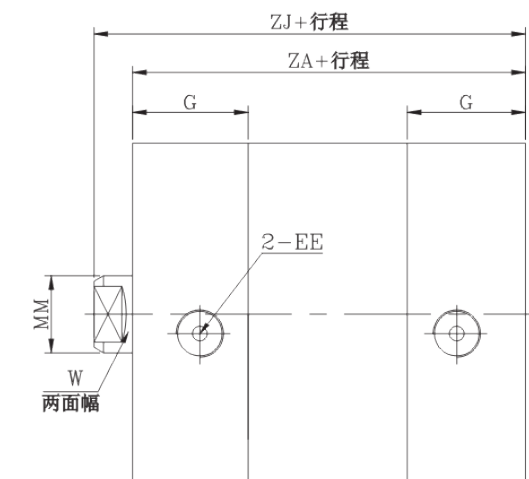
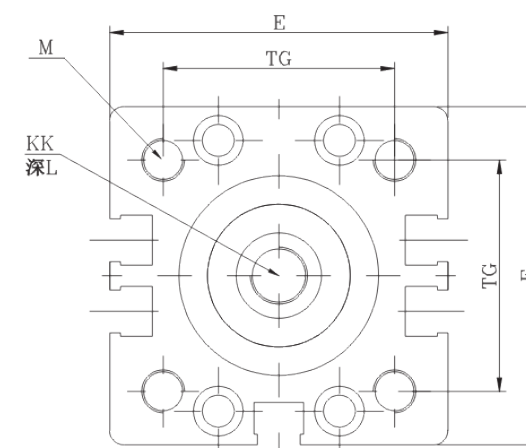
ADN φ 12- φ 125端盖/Head				
规格/Spc. 代号/Code	A	B	F	H
φ 12	27.5	16	11	10
φ 16	29	18	12	11
φ 20	35.5	22	13	12
φ 25	39.5	26	13.5	12
φ 32	47.5	32.5	15.5	15
φ 40	56.5	38	15.4	14.5
φ 50	66.5	46.5	15.25	14.5
φ 63	79.5	56.5	15	14.5
φ 80	100	72	16.5	16
φ 100	116	89	20.5	19.5
φ 125	135	110	29	20

安装尺寸/Install dimension

φ 12 ~ φ 25



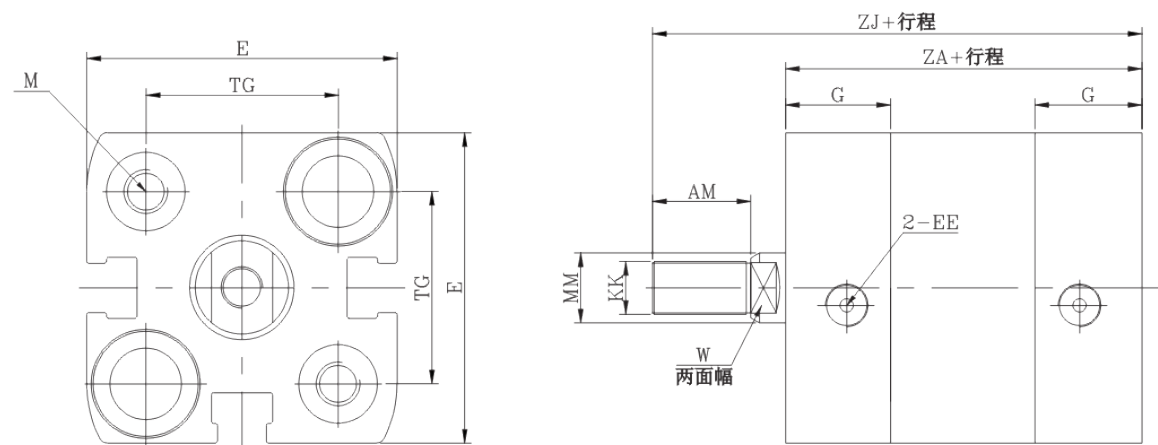
φ 32 ~ φ 100



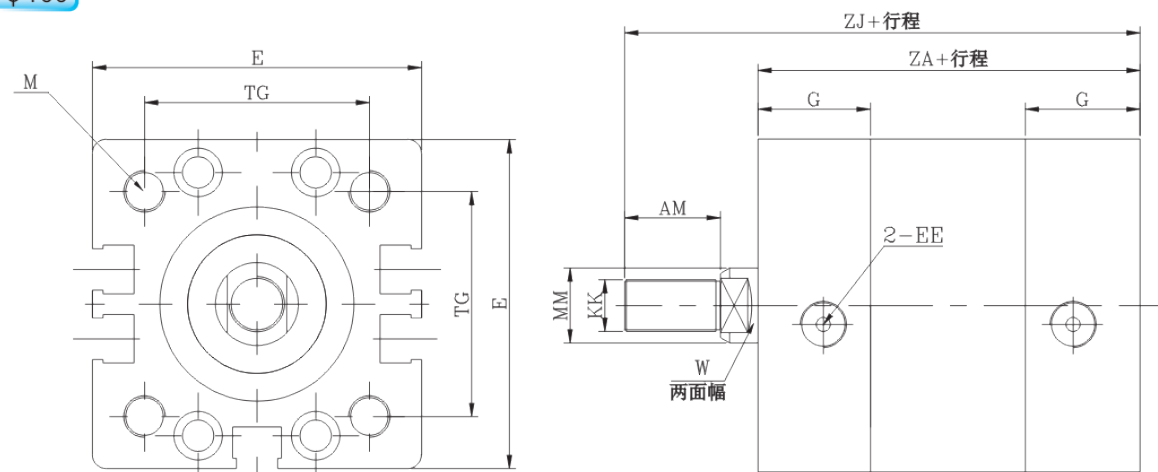
内径/符号(Bore/Symbol)	E	G	EE	MM	M	KK	L	TG	W	ZA	ZJ
φ 12	27.5	10	M5	6	M4	M3	8	16	5	35	40
φ 16	29	11	M5	8	M4	M4	10	18	7	35	40
φ 20	35.5	12	M5	10	M5	M6	14	22	8	37	43
φ 25	39.5	12	M5	10	M5	M6	14	26	8	39	45
φ 32	47.5	15	G1/8	12	M6	M8	16	32.5	10	45	50
φ 40	56.5	14.5	G1/8	12	M6	M8	16	38	10	45	52
φ 50	66.5	14.5	G1/8	16	M8	M10	20	46.5	14	45	53
φ 63	79.5	14.5	G1/8	16	M8	M10	20	56.5	14	50	57
φ 80	116	16	G1/8	20	M10	M12	20	72	17	54.2	62.2
φ 100	135	19.5	G1/8	20	M10	M12	20	89	17	67	76
φ 125	100	20	G1/4	25	M12	M16	25	110	23	81	91.5

外牙尺寸/Outer thread dimension

φ 12 ~ φ 25

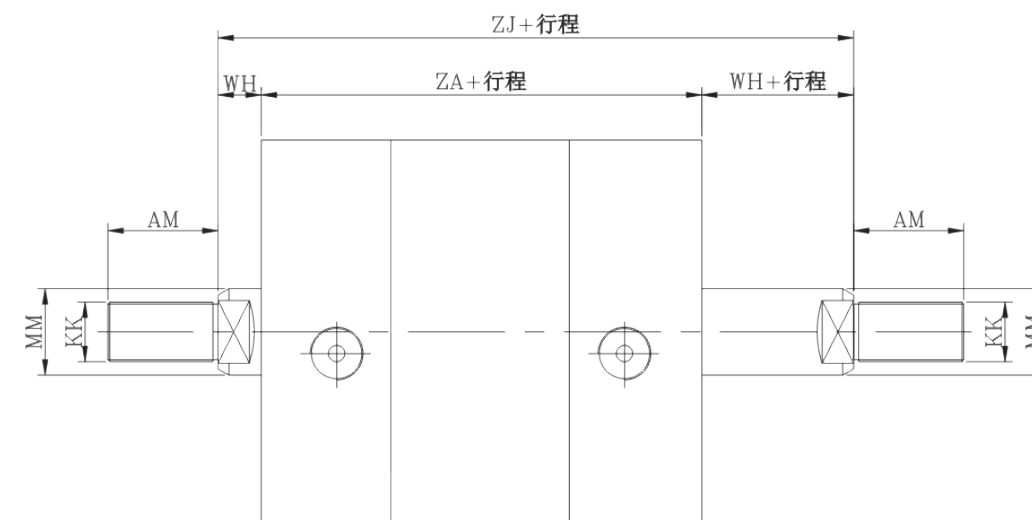
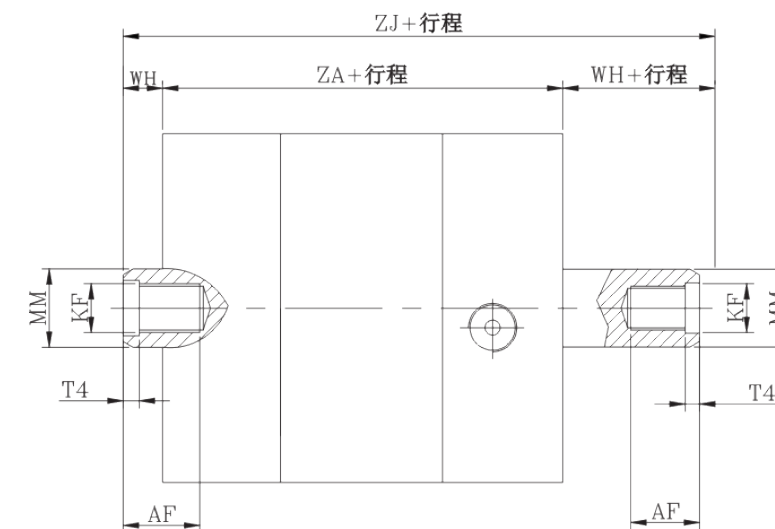


φ 32 ~ φ 100



内径/符号(Bore/Symbol)	AM	E	G	EE	MM	M	KK	TG	W	ZA	ZJ
φ 12	10	27.5	10	M5	6	M4	M5	16	5	35	40
φ 16	12	29	11	M5	8	M4	M6	18	7	35	40
φ 20	16	35.5	12	M5	10	M5	M8	22	8	37	43
φ 25	16	39.5	12	M5	10	M5	M8	26	8	39	45
φ 32	19	47.5	15	G1/8	12	M6	M10X1.25	32.5	10	45	50
φ 40	19	56.5	14.5	G1/8	12	M6	M10X1.25	38	10	45	52
φ 50	22	66.5	14.5	G1/8	16	M8	M10X1.25	46.5	14	45	53
φ 63	22	79.5	14.5	G1/8	16	M8	M10X1.25	56.5	14	50	57
φ 80	28	100	16	G1/8	20	M10	M16X1.5	72	17	54.2	62.2
φ 100	28	116	19.5	G1/8	20	M10	M16X1.5	89	17	67	76
φ 125	40	135	20	G1/4	25	M12	M20X1.5	110	23	81	91.5

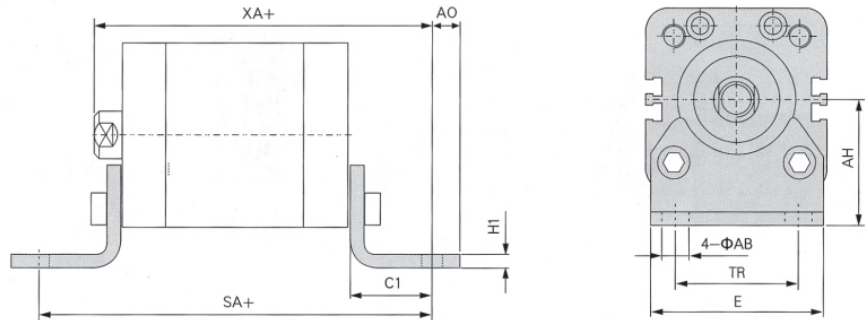
外牙尺寸/Outer Thread Dimension



内径/符号(Bore/Symbol)	AF	AM	T4	MM	KF	KK	WH	ZA	ZJ
φ 12	8	10	1.5	6	M3	M5	5	35	40
φ 16	10	12	1.5	8	M4	M6	5	35	40
φ 20	14	16	2.6	10	M6	M8	6	37	43
φ 25	14	16	2.6	10	M6	M8	6	39	45
φ 32	16	19	3.3	12	M8	M10X1.25	5	45	50
φ 40	16	19	3.3	12	M8	M10X1.25	7	45	52
φ 50	20	22	4.7	16	M10	M10X1.25	8	45	53
φ 63	20	22	4.7	16	M10	M10X1.25	7	50	57
φ 80	20	28	6.1	20	M12	M16X1.5	8	54.2	62.2
φ 100	20	28	6.1	20	M12	M16X1.5	10	67	76
φ 125	25	40	7.5	25	M16	M20X1.5	10.5	81	91.5

安装附件/Mounting accessories kit

脚架安装件B-LB/Foot mount B-LB

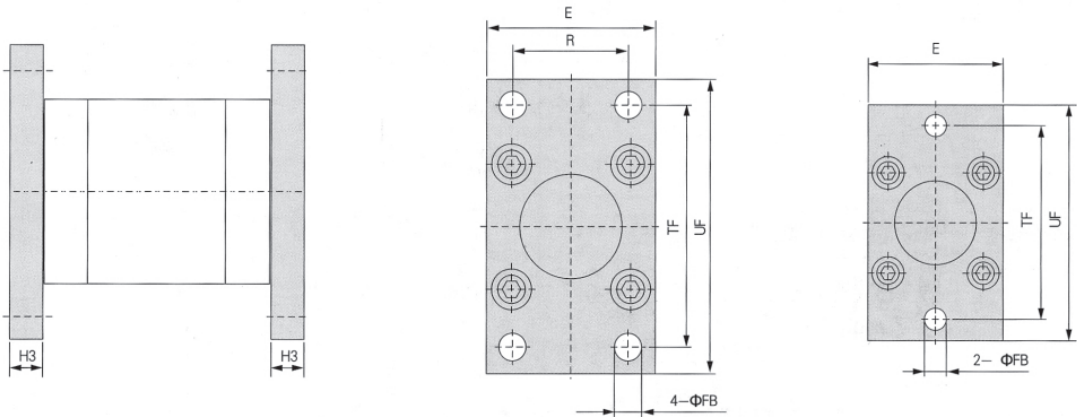


内径/符号(Bore/Symbol)	AB	AO	AH	C1	E	SA	TR	XA
12	5.8	5	21	13	26	61	16	53
16	5.8	4.75	22	13	27.5	61	18	53
20	7	6.25	27	16	34.5	69	22	59
25	7	6.25	29	16	38.5	71	26	61
32	7	7	33.5	16	46	77	32	66
40	10	9	38	18	55	81	36	69
50	10	8	45	21	65	87	45	74
63	10	8	50	21	78	92	50	78
80	12	10.5	63	26	100	107	63	89
100	14.5	12.5	74	27	120	121	75	103

前后法兰安装件B-FA/Front and read flange mount B-FA

Φ32~Φ100

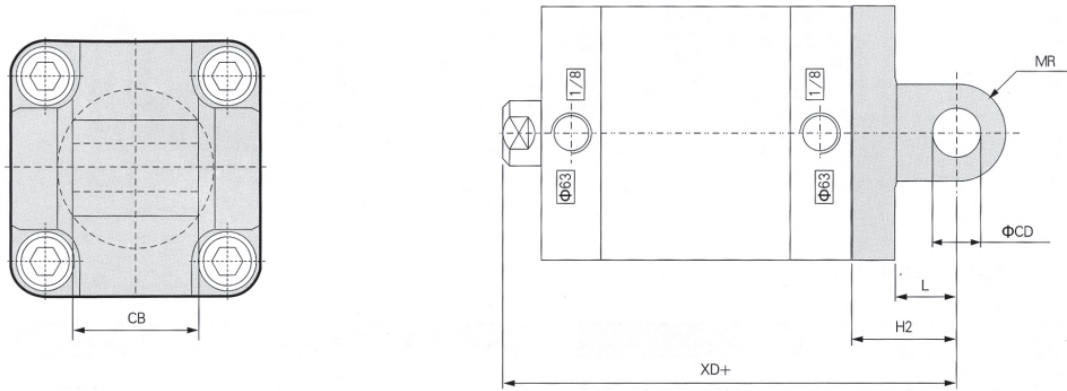
Φ12~Φ25



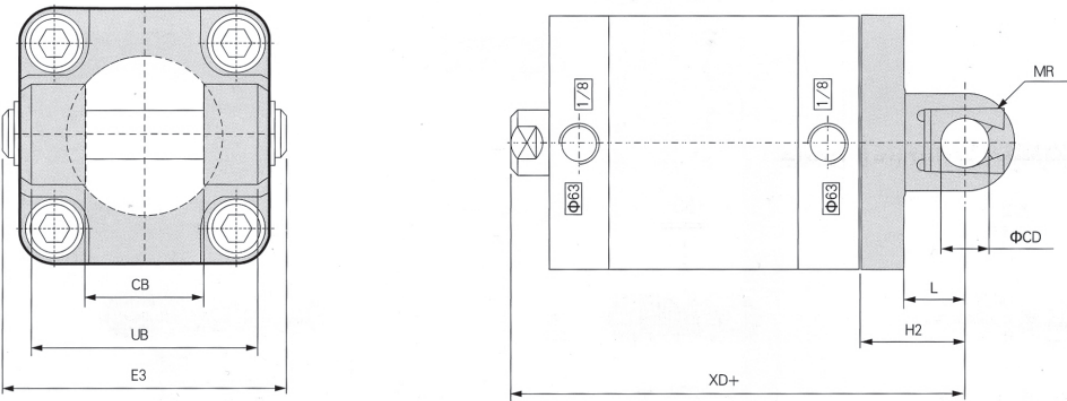
内径/符号(Bore/Symbol)	E	FB	H3	R	TF	UF
12	28	5.5	8	—	40	50
16	29	5.5	8	—	43	55
20	36	6.6	8	—	55	70
25	40	6.6	8	—	60	76
32	47	7	10	32	64	80
40	56	9	10	36	72	90
50	66	9	12	45	90	110
63	79	9	12	50	100	125
80	100	12	16	63	126	154
100	120	14	16	75	150	186

安装附件/Mounting accessories kit

单耳座/Male clevis B-CA



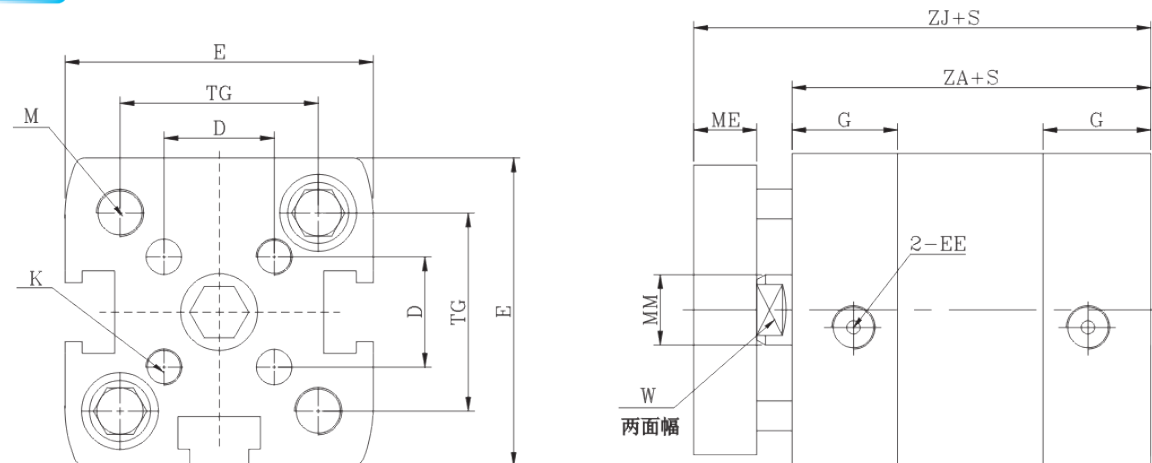
双耳座/Female clevis B-CB



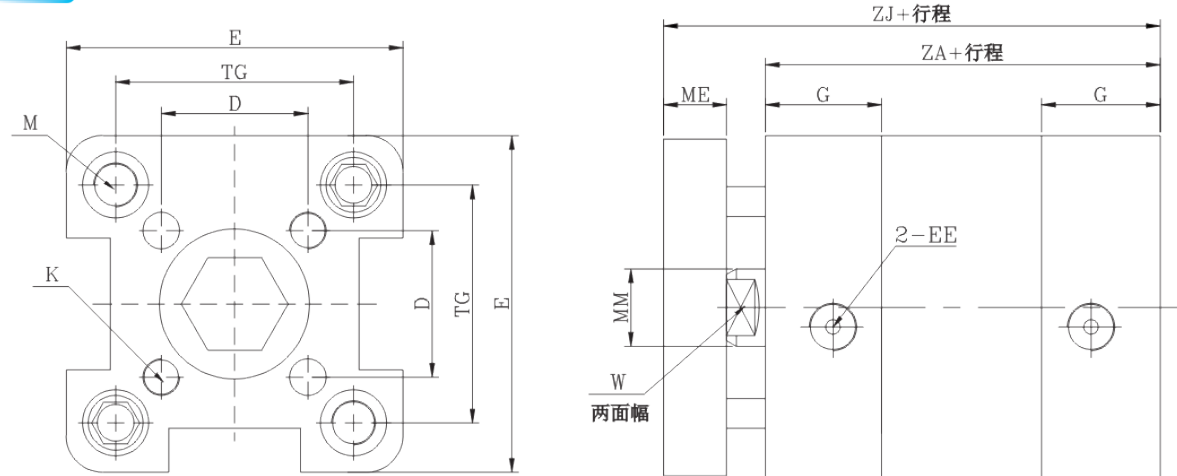
内径/符号(Bore/Symbol)	CB	CD	E3	H2	L	MR	UB	XD
32	26	10	55	22	13	10	45	72
40	28	12	63	25	16	12	52	76
50	32	12	71	27	16	12	60	80
63	40	16	83	32	21	16	70	89
80	50	16	103	36	22	16	90	99
100	60	20	127	41	27	20	110	117

基本尺寸/Basic specification

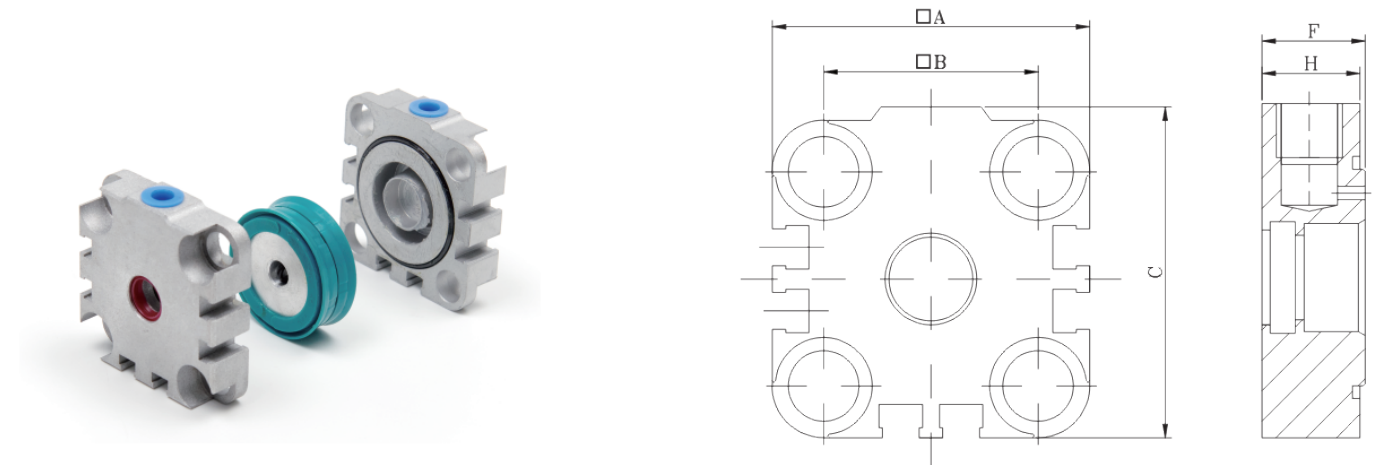
φ 12~φ 16



φ 20~φ 100



内径/符号 (Bore/Symbol)	E	G	EE	MM	M	D	K	ME	TG	W	ZA	ZJ
φ 12	27.5	10	M5	6	M4	8	M3	6	16	5	35	46
φ 16	28	11	M5	8	M4	10	M3	6	18	7	35	46
φ 20	34	12	M5	10	M5	12	M4	8	22	8	37	50.5
φ 25	37.5	12	M5	10	M5	15.5	M5	8	26	8	39	52.5
φ 32	46	15	G1/8	12	M6	20	M5	10	32.5	10	45	62
φ 40	53	14.5	G1/8	12	M6	23.5	M5	10	38	10	45	62
φ 50	63	14.5	G1/8	16	M8	30	M6	12	46.5	14	45	65
φ 63	74	14.5	G1/8	16	M8	35.5	M6	12	56.5	14	5	70
φ 80	92	16	G1/8	20	M10	46	M8	14	72	17	54.2	77.7
φ 100	108	19.5	G1/4	20	M10	56.5	M10	14	89	17	67	91.5



ADVU φ 16~ φ 100端盖/Head						
规格 / Spc.	代号 / Code	A	B	C	F	H
φ 16		28.4	18	29.4	13.5	12.5
φ 20		34.4	22	35.4	13.5	12.5
φ 25		38.4	26	39.4	13.5	12.5
φ 32		48	32	49.5	15.5	14.5
φ 40		57.5	42	59	15.5	14.5
φ 50		67	50	69	15.5	14.5
φ 63		84	62	86	15	14
φ 80		104	82	106	17.3	15.8
φ 100		125	103	128	20.4	18.9

配件订购码/Kit Ordering Code

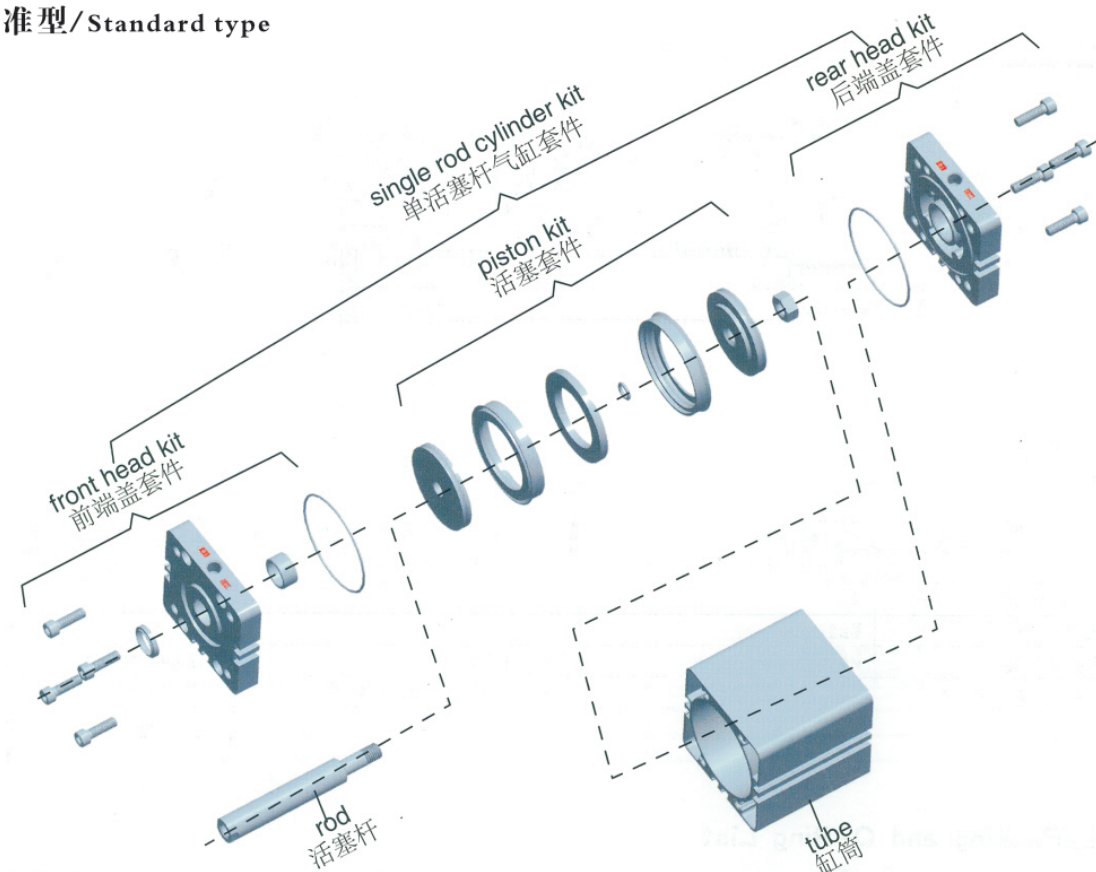
ADVU	-	S	-	20	-	B	-	LB
型号/Model		感应磁石/Magnet		缸径/Bore		牙型/Thread code		固定型式/ Mounting type
ADVU:标准复动型 ADVU: Standard double action		S:附磁石 S:With magnet 空白:不附磁 Blank:without magnet				空白: 内牙 Blank: Inner thread B: 外牙/Outer thread N: 无牙/Without thread		空白: 基本型/Basic LB: 脚架安装 /Foot mount FA/FB: 法兰安装 /Flange mount CA: 单耳环安装 /Male clevis CB: 双耳环安装 /Female clevis

※无牙轴心长度与内牙相同
Female thread and without thread have the same length of the piston rod.

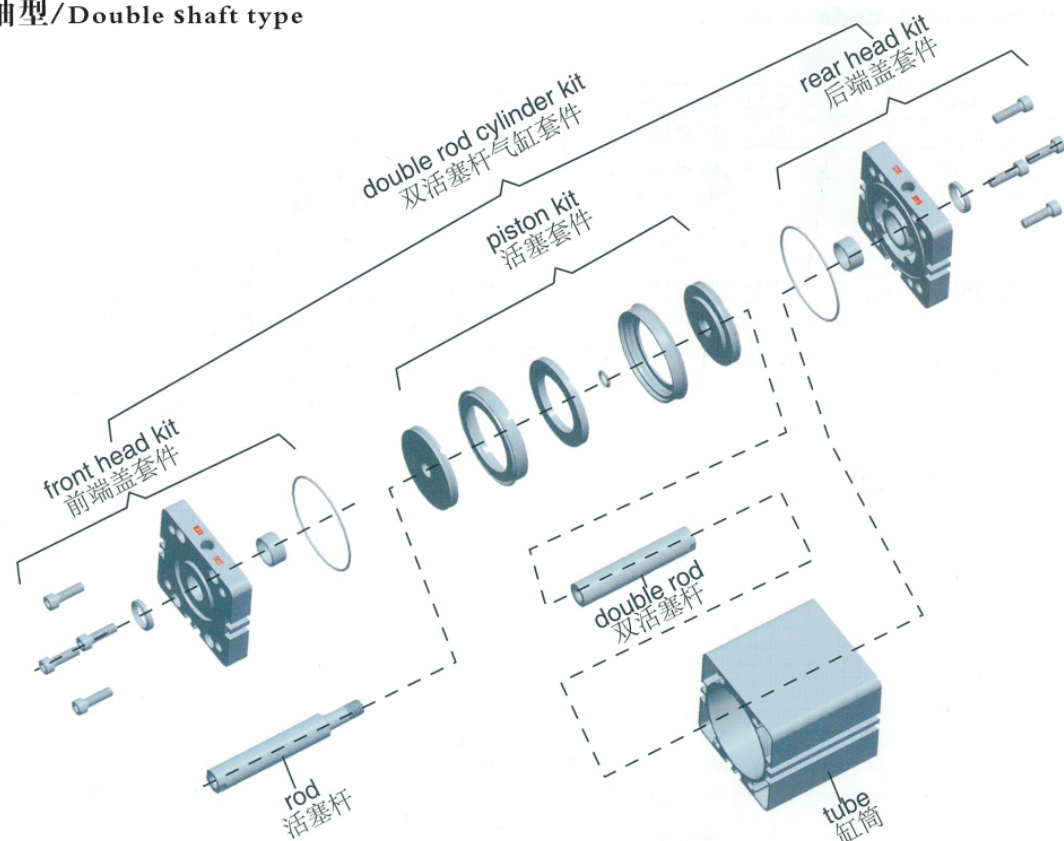
规格/Specification

内径/Bore (mm)	16	20	25	32	40	50	63	80	100
普通高温使用温度范围/Available temperature ℃	-10~250								
接管口径/Port size	M5			G1/8				G1/4	

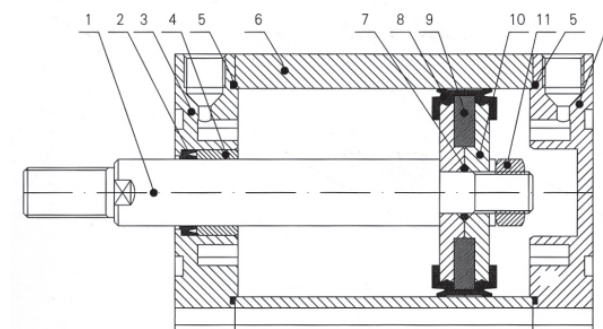
标准型/Standard type



双轴型/Double shaft type



内部结构及主要零件材质/Inner structure and material list for main parts

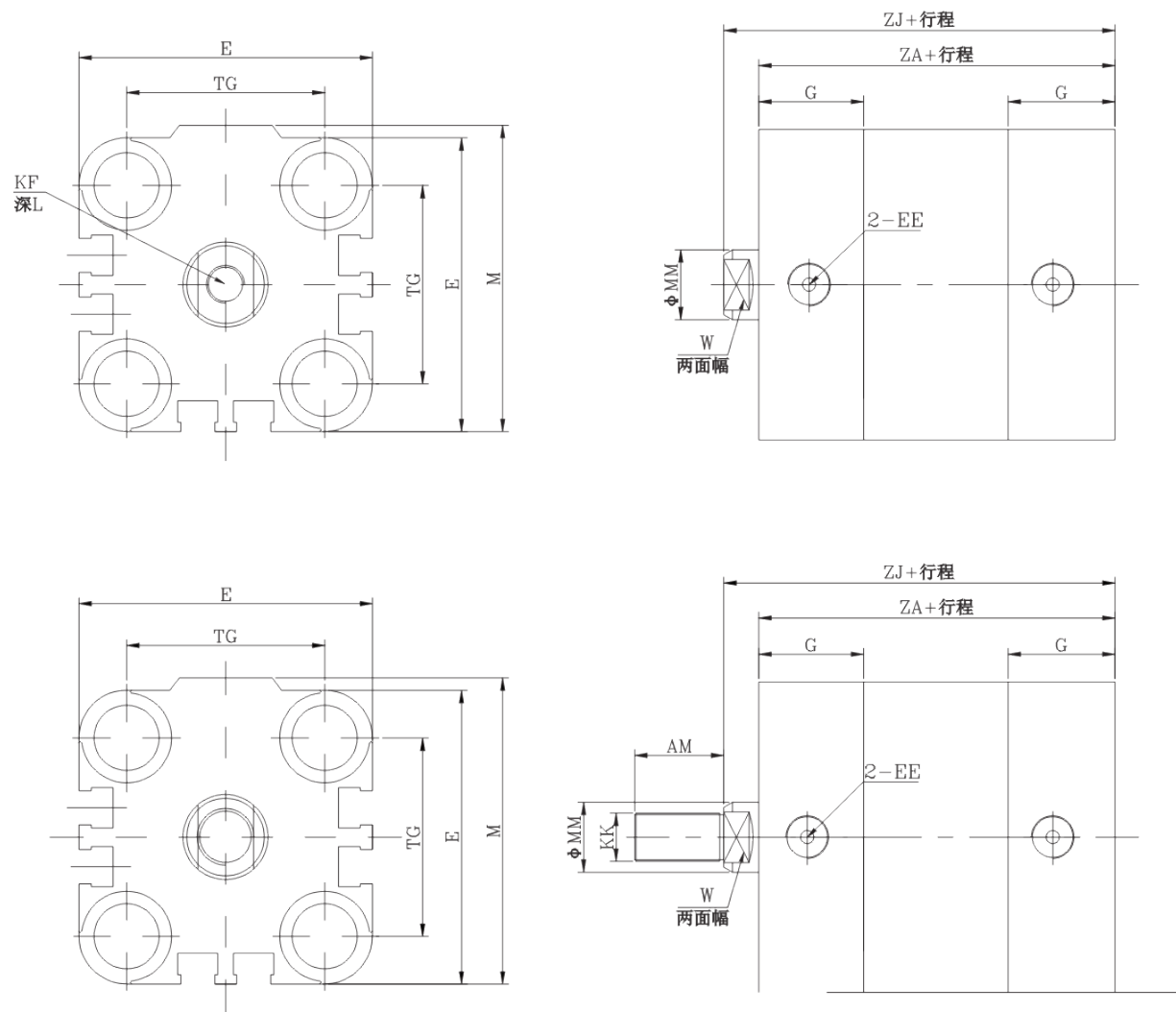


序号 No	名称 Name	材质 Material	序号 No	名称 Name	材质 Material
1	活塞杆 Piston rod	碳钢 Carbon steel	7	活塞杆O型圈 O-ring for piston rod	NBR
2	防尘圈 Anti dust seals	NBR	8	组合活塞圈 Piston ring	TPU
3	前端盖 Front cover	铝合金 Aluminum alloy	9	磁环 Magnet	铁氧体 Ferrite
4	含油轴承 Oil bearing	钢基粉末合金 Sinterized bronze	10	活塞 Piston	铝合金 Aluminium alloy
5	管壁O型圈 O-ring for front cover	NBR	11	活塞杆螺帽 Nut for piston rod	碳钢 Carbon steel
6	缸筒 Tube	铝合金 Aluminum alloy	12	后端盖 Back cover	铝合金 Aluminium alloy

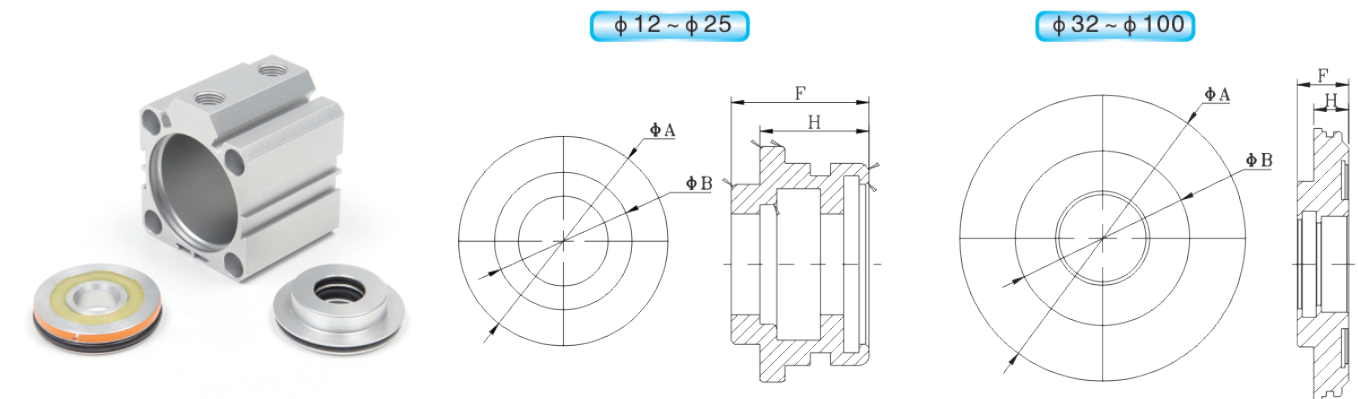
密封件/Packing and O-Ring List

规格 Item	防尘圈 Rod packing	端盖O型圈 Front cover O-Ring	活塞圈 Piston	磁环 Magnetic Ring	轴心圈 Piston O-Ring
数量No. 直径 Bore size mm	1	2	1	2	1
φ 32	EM-12	φ 32※1	φ 27.5※16※5	BOPA-32	φ 12※2
φ 40	EM-12	φ 43※1.5	φ 35.5※20※5	BOPA-40	φ 12※2
φ 50	EM-16	φ 53.6※1.8	φ 45.5※32※5	BOPA-50	φ 12※2
φ 63	EM-16	φ 67※2	φ 58.5※40※5	BOPA-63	φ 12※2
φ 80	EM-20	φ 85※2.4	φ 75.5※58※5	BOPA-80	φ 12※2
φ 100	EM-20	φ 104.8※2.4	φ 95.5※77※5	BOPA-100	φ 16※4

基本尺寸/Basic specification



内径/符号 (Bore/Symbol)	E	TG	M	G	EE	KF	L	KK	AM	MM	W	ZA	ZJ
φ 16	28.4	18	29.4	12.5	M5	M4	10	M8	20	8	7	38	42.5
φ 20	34.4	22	35.4	12.5	M5	M5	12	M10X1.25	22	10	9	38	42.5
φ 25	38.4	26	39.4	12.5	M5	M5	12	M10X1.25	22	10	9	39.5	45
φ 32	48	32	49.5	14.5	G1/8	M6	14	M10X1.25	22	12	10	45	51
φ 40	57.5	42	59	14.5	G1/8	M6	14	M10X1.25	22	12	10	45.5	52
φ 50	67	50	69	14.5	G1/8	M8	16	M12X1.25	24	16	13	45.5	53
φ 63	84	62	86	14	G1/8	M8	16	M12X1.25	24	16	13	50	57.5
φ 80	104	82	106	15.8	G1/8	M10	20	M16X1.5	32	20	17	55.8	63.5
φ 100	125	103	128	18.9	G1/4	M12	24	M20X1.5	40	25	22	66.8	76.8



ACQ φ 12- φ 160端盖/Head				
规格/Spc. 代号/Code	A	B	F	H
φ 12	14	9.2	8.2	6.5
φ 16	18	11	8.5	7
φ 20	22	13.5	9.5	7.5
φ 25	28	17	9.5	7.5
φ 32	34	23	10	7.5
φ 40	42	27	12	8.5
φ 50	52	35.5	12	8.5
φ 63	65	40	13.5	9.5
φ 80	82	50	15.5	10.5
φ 100	102	55	18.5	10.8
φ 125	127	100	27	18
φ 140	142	100	23.5	18.5
φ 160	162	75	26	18.5

配件订购码/Kit Ordering Code

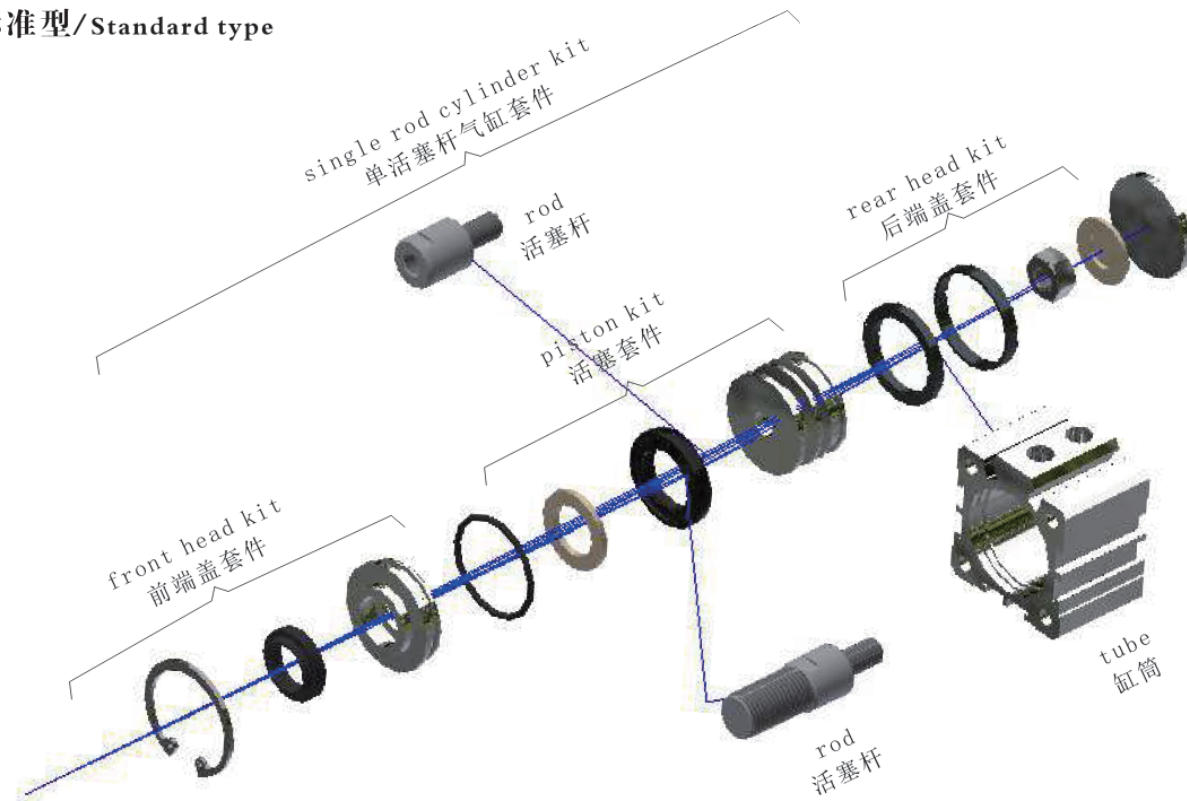
ACQ	-	S	-	20	×	30	-	B	-	LB
型号/Model		感应磁石/Magnet		缸径/Bore		行程/Travel		牙型/Thread code		固定型式/ Mounting type
ACQ: 标准复动型 ACQ: Standard double action		S:附磁石 S:With magnet 空白:不附磁 Blank:without magnet						空白: 内牙 Blank: Inner thread B: 外牙/Outer thread N: 无牙/Without thread		空白: 基本型/Basic LB: 脚架安装 /Foot mount FA/FB: 法兰安装 /Flange mount CA: 单耳环安装 /Male clevis CB: 双耳环安装 /Female clevis

※无牙轴心长度与内牙相同
Female thread and without thread have the same length of the piston rod.

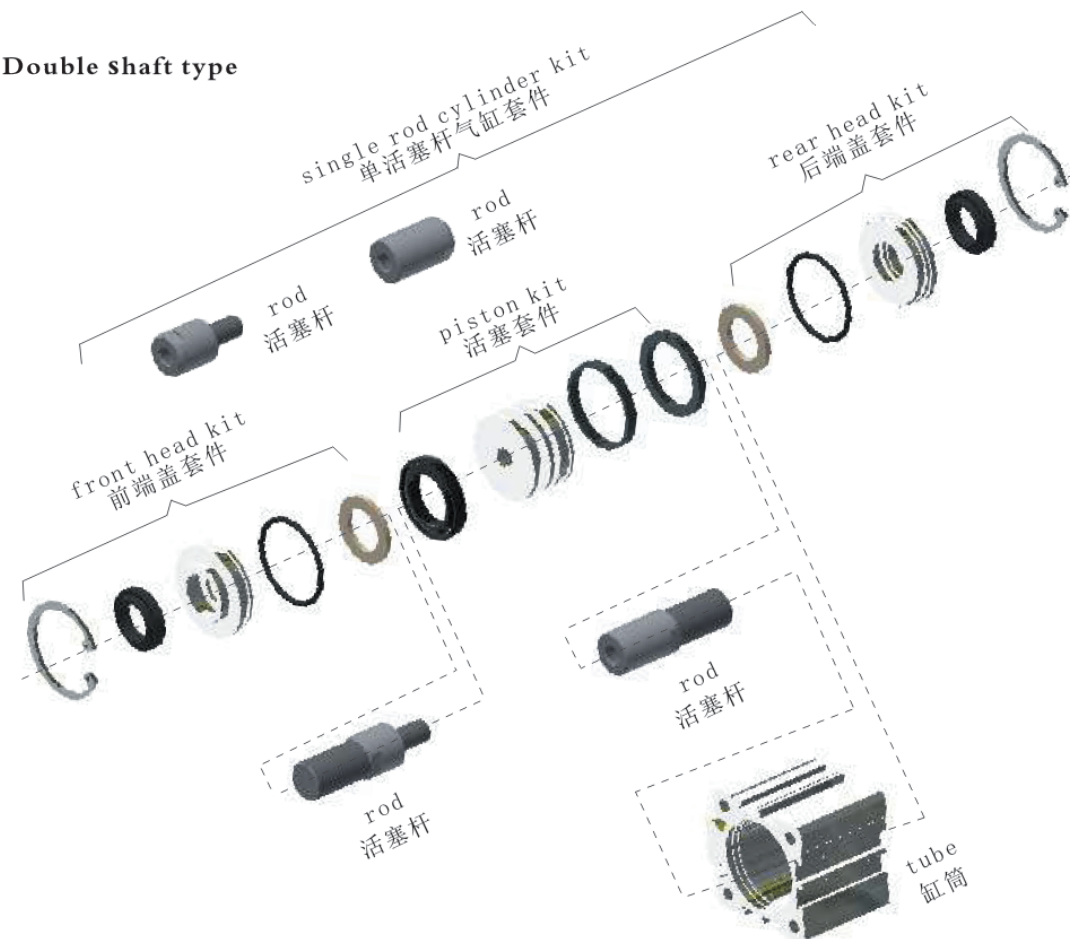
规格/Specification

内径/Bore (mm)	12	16	20	25	32	40	50	63	80	100	125	140	160
普通高温使用温度范围/Available temperature °C	-10~250												
缓冲行程/Cushioning travel (mm)													
接管口径/Port size	M5			G1/8		G1/4		G3/8					

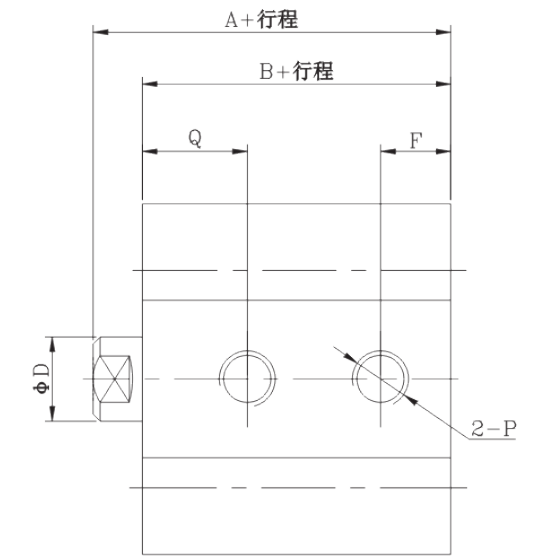
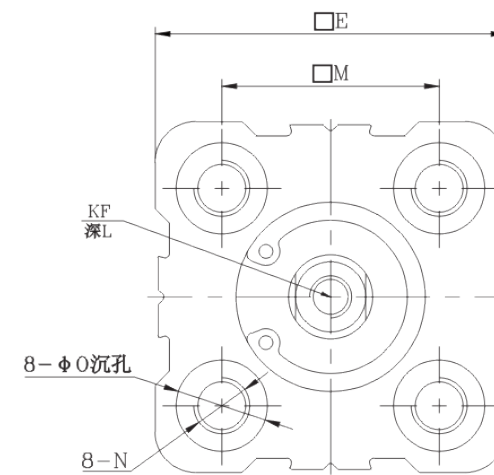
标准型/Standard type



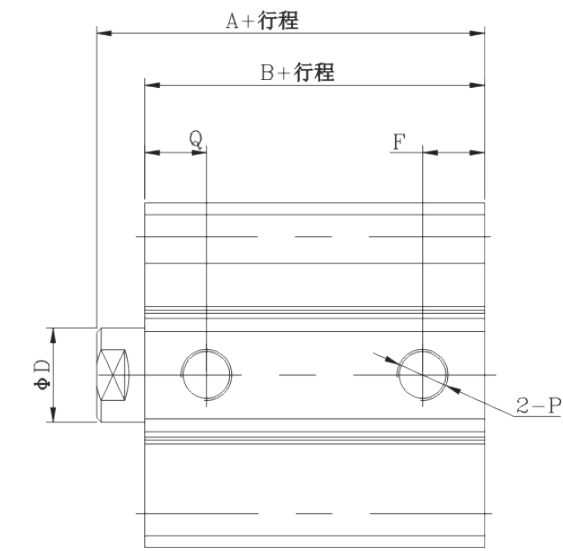
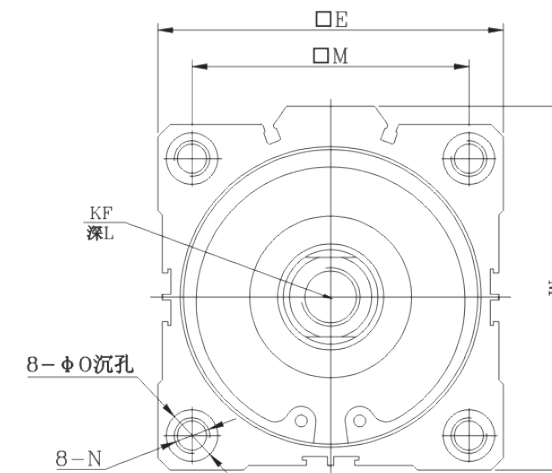
双轴型/Double shaft type



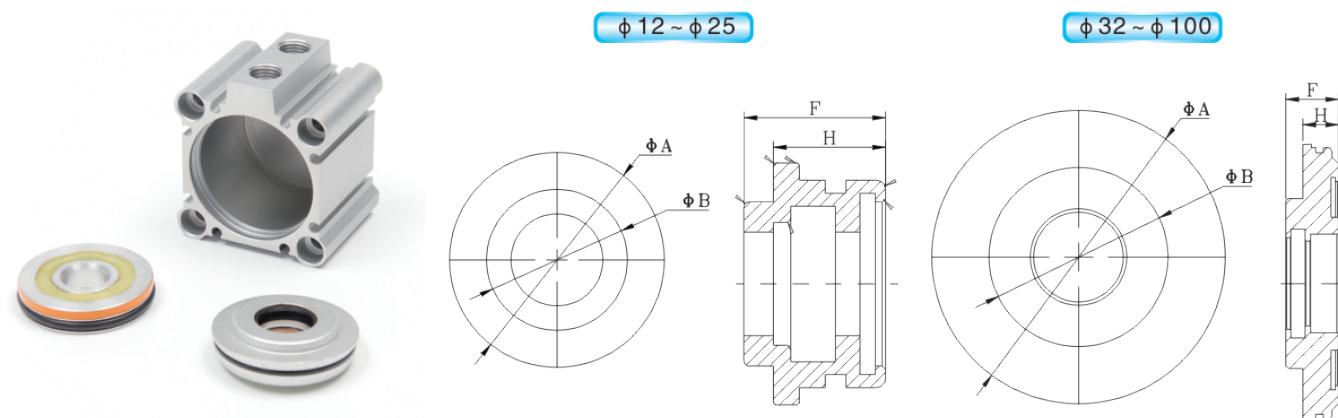
φ 12 ~ φ 25



φ 32 ~ φ 100



内径/符号 (Bore/Symbol)	A		B		E	M	W	N	O	Q	F	D	P	KF	L
	附磁	不附磁	附磁	不附磁											
φ 12	30.5	20.5	28	17	25	20		M4	6	9	6	6	M5	M3	8
φ 16	34	22	30.5	18.5	29	20		M4	6	8	5.5	8	M5	M4	8
φ 20	37	24	32.5	19.5	36	25.5		M6	9	9	5.5	10	M5	M5	10
φ 25	37.5	27.5	32.5	22.5	40	28		M6	9	11	5.5	12	M5	M5	12
φ 32	40.1	30.1	33	23	45	34	49.5	M6	9	10.5	7.5	16	G1/8	M8X1.25	13
φ 40	46.5	36.5	39.5	29.5	53	40	57	M6	9	11	8	16	G1/8	M8X1.25	13
φ 50	48.6	38.6	40.5	30.5	64	50	71	M8	10.5	10.5	10.5	20	G1/4	M10X1.5	15
φ 63	54.1	44.1	46	36	77	60	84	M10	14	15	10.5	20	G1/4	M10X1.5	15
φ 80	63.5	53.5	53.5	43.5	98	77	104	M12	17	16	14	25	G3/8	M16X2	20
φ 100	75	65	63	53	117	94	123.5	M12	17	20	17.5	32	G3/8	M20X2.5	26
φ 125	99		83		142	114	153	M14	21.2	24.5	24.5	32	G3/8	M22X2.5	30
φ 140	99		83		158	128	168	M14	21.2	24.5	24.5	32	G3/8	M22X2.5	30
φ 160	108		91		178	144	188	M16	24.5	49	49	40	G3/8	M24X3	33



CQ2 Φ12-Φ100端盖/Head				
规格/Spc. 代号/Code	A	B	F	H
Φ12	14	9.2	8.2	6.5
Φ16	18	11	8.5	7
Φ20	22	13.5	9.5	7.5
Φ25	28	17	9.5	7.5
Φ32	34	23	10	7.5
Φ40	42	27	12	8.5
Φ50	52	35.5	12	8.5
Φ63	65	40	13.5	9.5
Φ80	82	50	15.5	10.5
Φ100	102	55	18.5	10.8

配件订购码/Kit Ordering Code

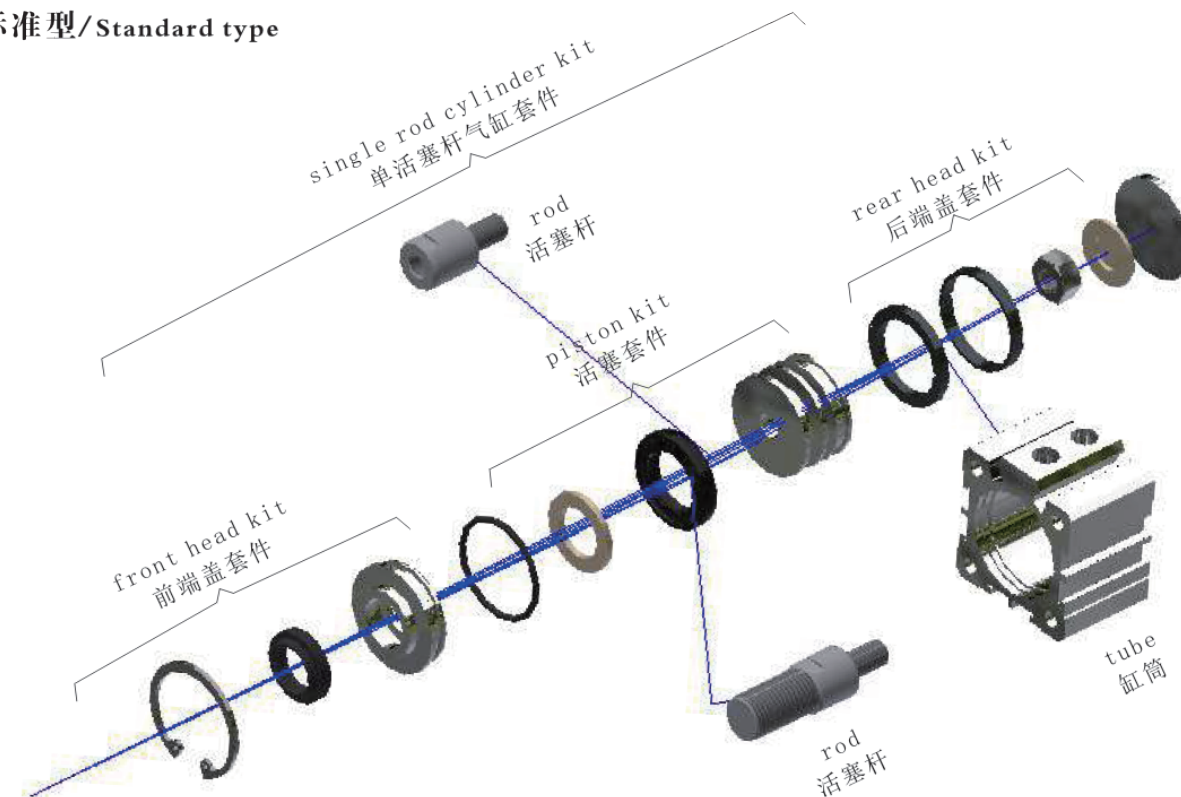
型号/Model	感应磁石/Magnet	缸径/Bore	行程/Travel	牙型/Thread code	固定型式/ Mounting type
CQ2	S	20	30	B	LB
CQ2: 标准复动型 CQ2: Standard double action	S: 附磁石 S: With magnet 空白: 不附磁 Blank: without magnet			空白: 内牙 Blank: Inner thread B: 外牙/Outer thread N: 无牙/Without thread	空白: 基本型/Basic LB: 脚架安装 /Foot mount FA/FB: 法兰安装 /Flange mount CA: 单耳环安装 /Male clevis CB: 双耳环安装 /Female clevis

※无牙轴心长度与内牙相同
Female thread and without thread have the same length of the piston rod.

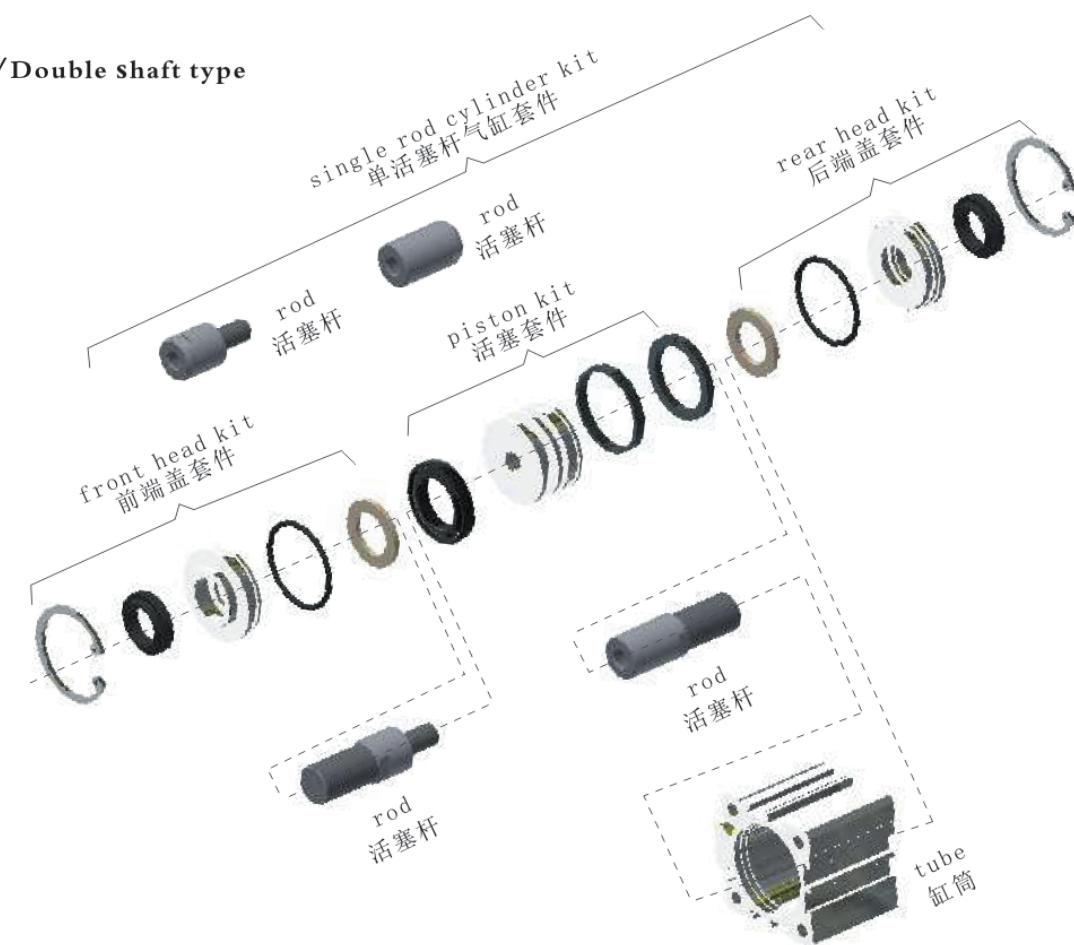
规格/Specification

内径/Bore (mm)	12	16	20	25	32	40	50	63	80	100
普通高温使用温度范围/Available temperature °C	-10~250									
缓冲行程/Cushioning travel (mm)										
接管口径/Port size	M5		G1/8		G1/4		G3/8			

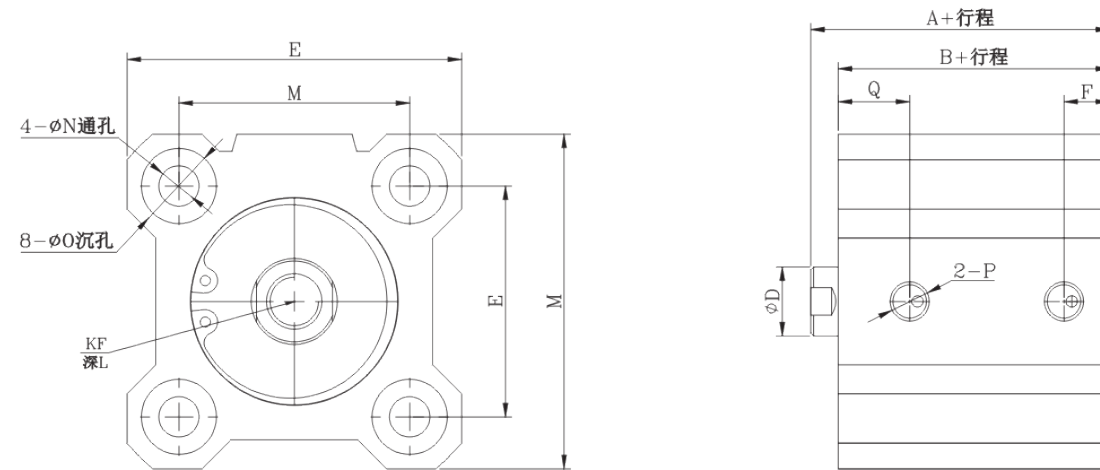
标准型/Standard type



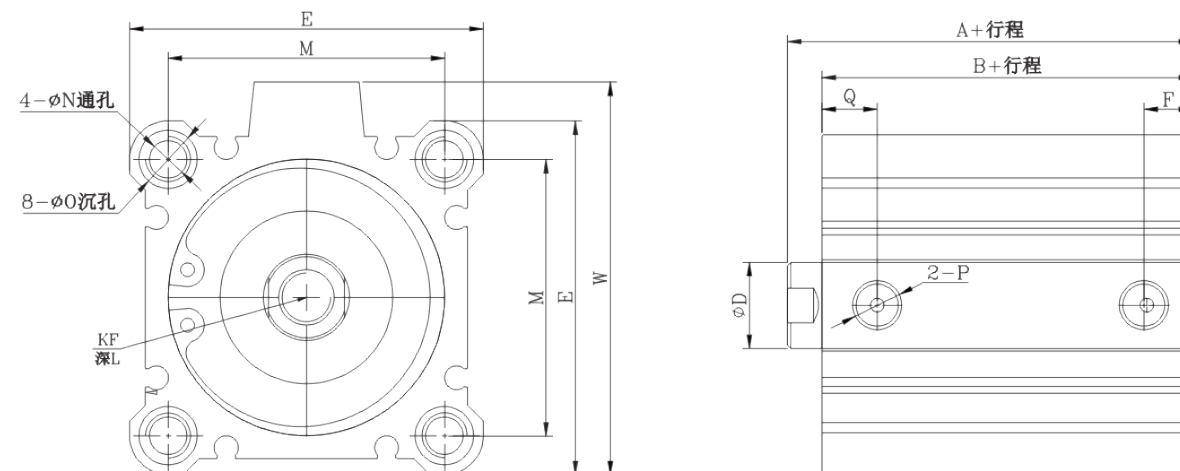
双轴型/Double shaft type



φ 12 ~ φ 25



φ 32 ~ φ 100



内径/符号 (Bore/Symbol)	A		B		E	M	W	N	O	Q	F	D	P	KF	L
	附磁	不附磁	附磁	不附磁											
φ 12	30.5	20.5	28	17	29	20		3.6	6.5	9	6	6	M5	M3	8
φ 16	34	22	30.5	18.5	29	20		3.4	6	8	5.5	8	M5	M4	8
φ 20	37	24	32.5	19.5	36	25.5		5.5	9	9	5.5	10	M5	M5	10
φ 25	37.5	27.5	32.5	22.5	40	28		5.5	9	11	5.5	12	M5	M5	12
φ 32	40.1	30.1	33	23	45	34	49.5	5.2	9	10.5	7.5	16	G1/8	M8X1.25	13
φ 40	46.5	36.5	39.5	29.5	52	40	57	6.9	10.5	11	8	16	G1/8	M8X1.25	13
φ 50	48.6	38.6	40.5	30.5	64	50	71	6.9	10.5	10.5	10.5	20	G1/4	M10X1.5	15
φ 63	54.1	44.1	46	36	77	60	84	9	14	15	10.5	20	G1/4	M10X1.5	15
φ 80	63.5	53.5	53.5	43.5	98	77	104	11	17	16	14	25	G3/8	M16X2	20
φ 100	75	65	63	53	117	94	123.5	11	17	20	17.5	32	G3/8	M20X2.5	26



 化学成分 Chemmical composition—in % by weight

ALLOY	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
6005	0.60–0.90	0.35	0.10	0.10	0.40–0.60	0.10	–	–	Rest
6063	0.20–0.60	0.35	0.10	0.10	0.45–0.90	0.10	0.10	0.10	Rest
6061	0.40–0.80	0.70	0.15–0.40	0.15	0.80–1.20	0.04–0.35	0.25	0.15	Rest

 机械性能 Mechanical properties

铝合金牌号	材料状态	抗拉	屈服	延伸	硬度
ALLOY	STATUS Temper	Rm Mpa	Rp0.2 Mpa	A %	HBW
6005	T5	260	215	8	85
6063	T5	160	110	8	60
6061	T5	290	240	10	95

缸筒外形尺寸

CYLINDER TUBE EXTERNAL DIMENSIONS

 铝合金气缸管技术参数 TECHNICAL PARAMETER OF ALUMINUM ALLOY CYLINDER

材料/Material: 6063-T5,6005-T5,6061-T5

内径/Inner diameter: $\phi 16-\phi 320\text{mm}$

内径公差/Inner diameter tolerance: H9~H11

直线度/Straightness tolerance: $\leq 1\text{mm}/1000\text{mm}$

表面粗糙度/Surface Roughness: Ra < 0.6

氧化膜厚度/Thickness of internal and External film: $\geq 15 \mu\text{m}$

氧化膜硬度/Hardness of surface oxide film: $\geq 400\text{HV}$

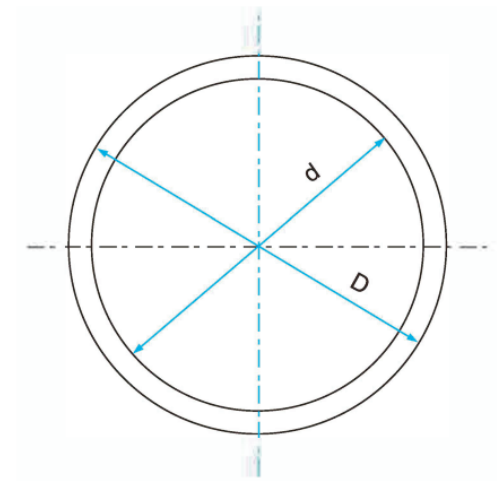
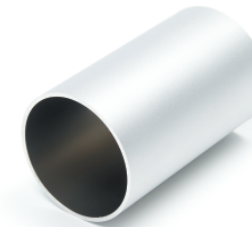


 铝合金气缸管 TOLERANCE OF ALUMINIUM ALLOY TUBE(MM)

直径Dia	公差Torlerance					
	H9		H10		H11	
16	0	+0.043	0	+0.07	0	+0.110
20		+0.052		+0.084		+0.130
25		+0.052		+0.084		+0.130
32		+0.062		+0.100		+0.160
40		+0.062		+0.100		+0.160
50		+0.062		+0.100		+0.160
63		+0.074		+0.120		+0.190
70		+0.074		+0.120		+0.190
80		+0.074		+0.120		+0.190
100		+0.087		+0.140		+0.220
125		+0.100		+0.160		+0.250
160		+0.100		+0.160		+0.250
200		+0.115		+0.185		+0.290
250		+0.115		+0.185		+0.290
320		+0.140		+0.230		+0.360

缸筒外形尺寸

CYLINDER TUBE EXTERNAL DIMENSIONS

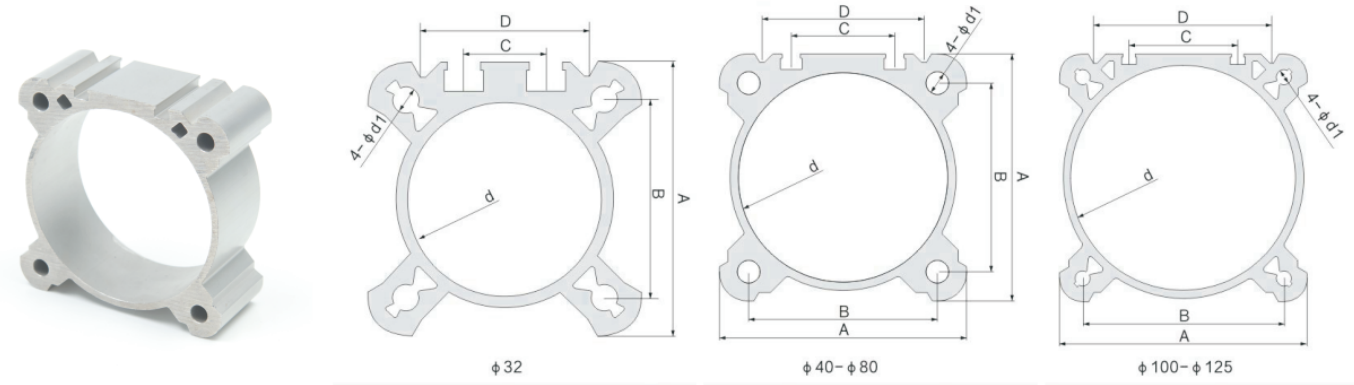


主要参数 MAJOR PARAMETERS (B-01)

内径 d	外径 D	壁厚 wall thickness
φ 16	φ 20	2
φ 20	φ 25	2.5
φ 20	φ 26	3
φ 25	φ 29	2
φ 25	φ 30	2.5
φ 30	φ 35	2.5
φ 32	φ 36	2
φ 32	φ 37	2.5
φ 32	φ 39	3.5
φ 35	φ 40	2.5
φ 38.1	φ 43	2.45
φ 40	φ 44	2
φ 40	φ 45	2.5
φ 40	φ 48	4
φ 40	φ 50	5
φ 45	φ 50	2.5
φ 50	φ 54	2
φ 50	φ 55	2.5
φ 50	φ 58	4
φ 50	φ 65.3	7.65
φ 50.8	φ 55.8	2.5
φ 56	φ 60	2
φ 57.15	φ 62	2.425
φ 57.8	φ 62.5	2.35

缸筒外形尺寸
CYLINDER TUBE EXTERNAL DIMENSIONS

DSBC(φ 32-125)系列标准气缸 (B-02)
FestoDSBC(φ 32-125) ISO6431(VDMA24562/DIN24335/ISO15552)Series Standard Cylinder Tube



NO	d	4-d1	A	B	C	D
1	φ 32	φ 4.3	45	32.5	13.5	27
2	φ 40	φ 5.3	53	38	17	34.9
3	φ 50	φ 6.8	63	46.5	22	38
4	φ 63	φ 6.8	74	56.5	31	48.5
5	φ 80	φ 6.8	92	72	35	60.5
6	φ 100	φ 6.8	109.5	89	48	78
7	φ 125	φ 8.8	134	110	54	90

CP96(φ 32-125)系列 (B-03)
SMC CP96(φ 32-125) Seires ISO6431 (VDMA24562/DIN24335/ISO15552)Cylinder Tube

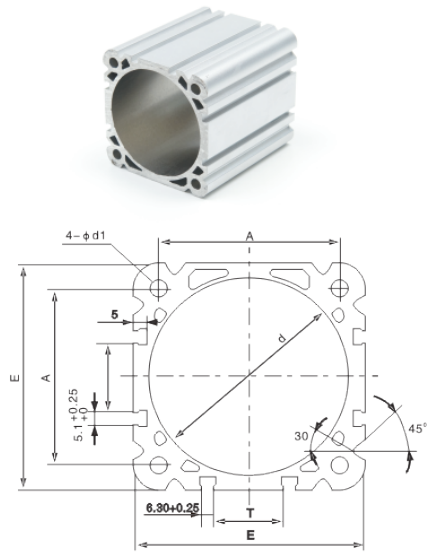


NO	d	S	E	T
1	φ 32	34.4	46	42
2	φ 40	40	52.8	47.4
3	φ 50	49.4	64	59
4	φ 63	59.8	74.4	69.4
5	φ 80	76	94	87
6	φ 100	95	113	106
7	φ 125	-	138	127.8

缸筒外形尺寸
CYLINDER TUBE EXTERNAL DIMENSIONS

铝合金气缸管Aluminium alloy tube

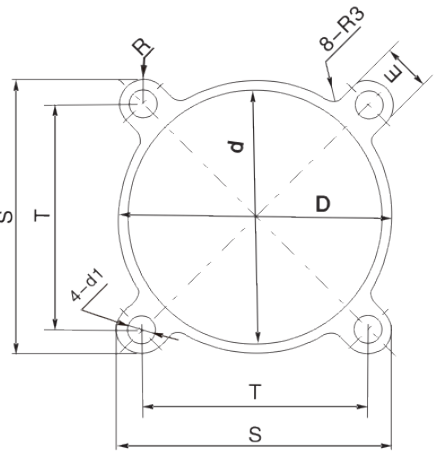
DNC(φ 32-125)Series (B-04)
ISO15552 cylinder tube



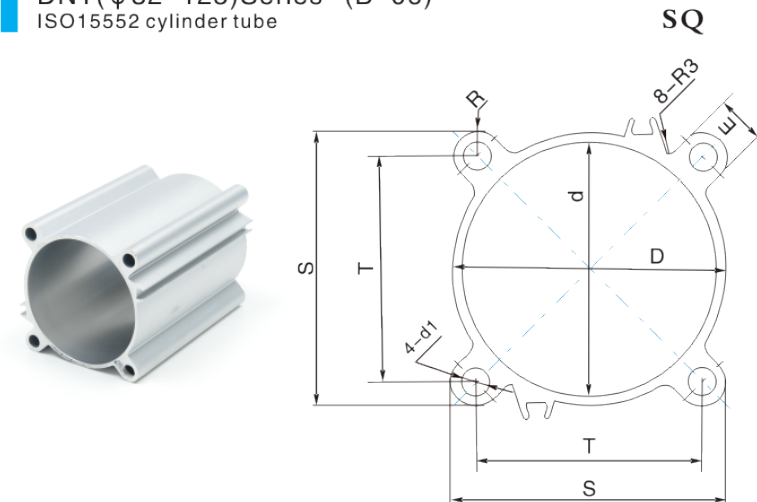
主要参数 MAJOR PARAMETERS(6431)

No.	d	E	A	T	4-φd1
1	φ 32	44×44	32.5×32.5	8.2	φ 5.1
2	φ 40	51×51	38×38	11	φ 5.1
3	φ 50	64×64	46.5×46.5	17	φ 6.7
4	φ 63	75×75	56.5×56.5	26	φ 6.7
5	φ 80	93×93	72×72	28	φ 8.7
6	φ 100	111×111	89×89	35	φ 8.7
7	φ 125	134×134	110×110	55	φ 10.3

SI(φ 32-125)Series (B-05)
ISO15552 cylinder tube



DNT(φ 32-125)Series (B-06)
ISO15552 cylinder tube



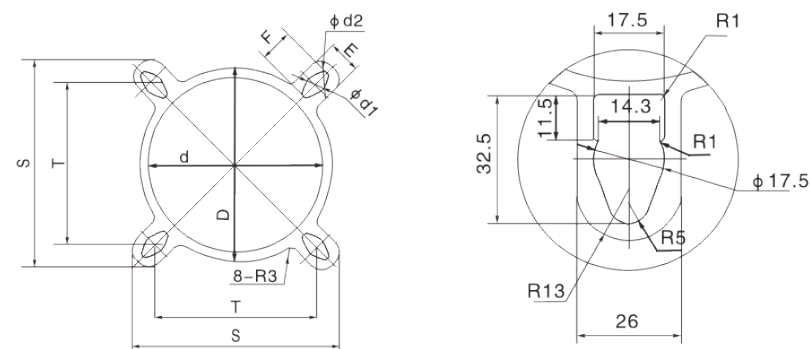
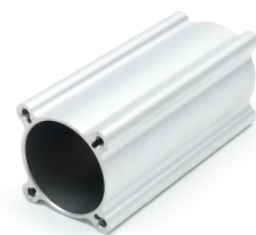
主要参数 MAJOR PARAMETERS(6431)

No.	d	D	T	S	E	4-d1
1	φ 32	φ 36.5	32.5×32.5	42.5×42.5	10	φ 5.2
2	φ 40	φ 44.5	38×38	48×48	10	φ 5.2
3	φ 50	φ 55.3	46.5×46.5	58.5×58.5	12	φ 6.8
4	φ 63	φ 68	56.5×56.5	70×70	12	φ 6.8
5	φ 80	φ 85.8	72×72	87.5×87.5	14	φ 8.7
6	φ 100	φ 106	89×89	107×107	15	φ 8.7
7	φ 125	φ 132.5	110×110	133×133	18.5	φ 10.5

缸筒外形尺寸

CYLINDER TUBE EXTERNAL DIMENSIONS

SI(φ 125–200)Series (B-07)
ISO15552 cylinder tube

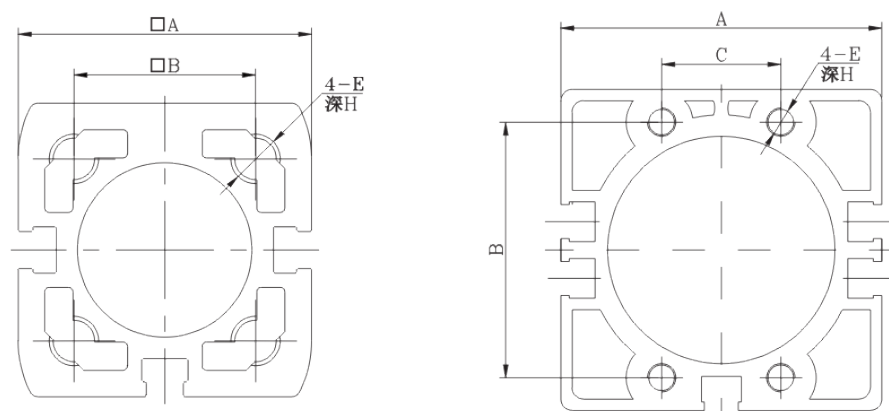
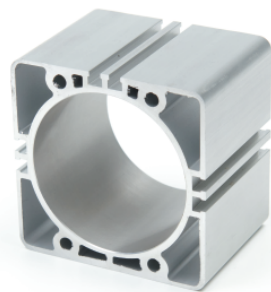


主要参数 MAJOR PARAMETERS(6431)

Install hole size of φ 200

No.	d	D	T	S	d1	d2	E	F
1	φ 125	φ 132	110×110	134×134	φ 12	φ 7	18	20
2	φ 160	φ 168.5	140×140	171×171	φ 17.5	φ 11	25.5	25
3	φ 200	φ 210	175×175	212×212			26	32.5

ADN(φ 12–125)Series (B-08)
ISO15552 cylinder tube



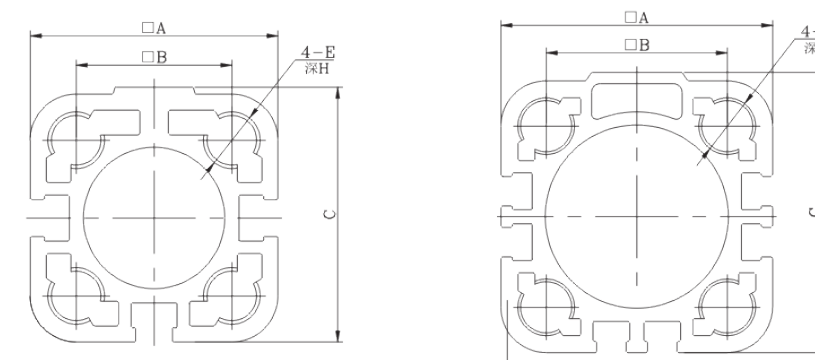
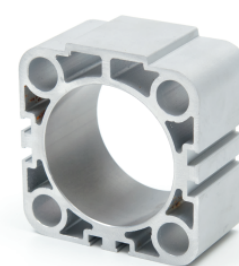
ADN φ 12– φ 125缸筒

规格/Spc. 代号/Code	A	B	C	E	H
φ 12	26.5	16		M6X1	9
φ 16	28	18		M6X1	10
φ 20	34.5	22		M8X1	10
φ 25	38.5	26		M8X1	10
φ 32	47.3	38	17	M4	15
φ 40	56.3	45	21	M5	20
φ 50	66.3	54	27	M6	20
φ 63	79.3	66	37	M6	20
φ 80	99.8	84	47	M8	25
φ 100	115.5	98	60	M8	35
φ 125	133.5	118	78	M10	35

缸筒外形尺寸

CYLINDER TUBE EXTERNAL DIMENSIONS

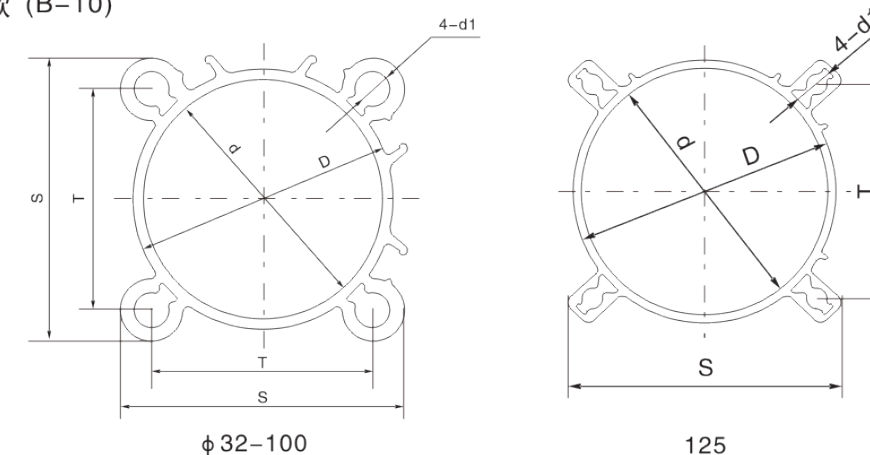
ADVU(φ 16–100)Series (B-09)
ISO15552 cylinder tube



ADVU φ 16– φ 100缸筒

规格/Spc. 代号/Code	A	B	C	E	H
φ 16	29	18	30	M6X1	9
φ 20	35	22	36	M8X1	10
φ 25	39	26	40	M8X1	10
φ 32	48	32	49.5	M10X1	10
φ 40	57.5	42	59	M10X1	10
φ 50	67	50	69	M12X1	10
φ 63	84	62	86	M16X1	15
φ 80	104	82	106	M16X1	15
φ 100	125	103	128	M16X1	15

SQ(φ 32–125)Series 西班牙款 (B-10)
ISO15552 cylinder tube

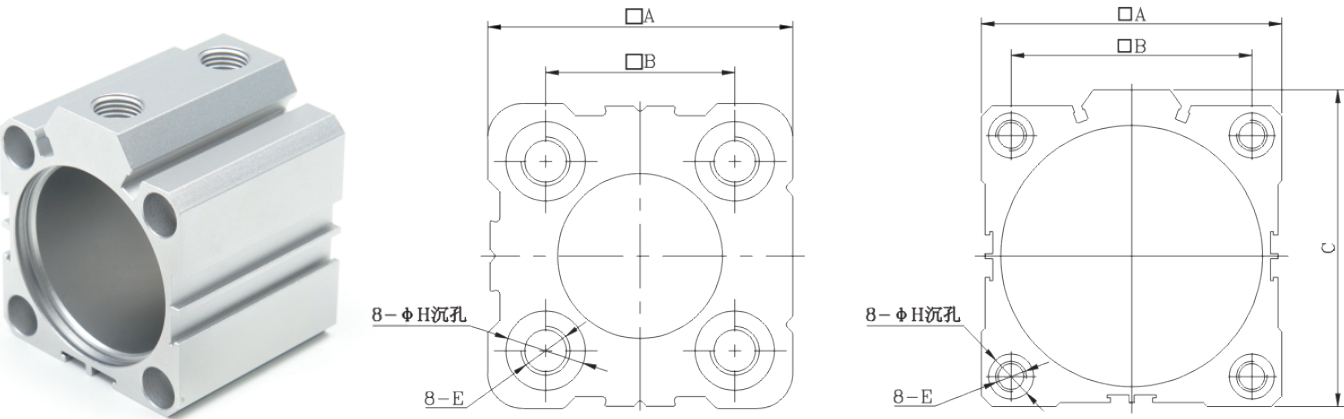


主要参数 MAJOR PARAMETERS(6431)

No.	d	D	S	T	4-d1
1	φ 32	φ 36	42.5×42.5	32.5×32.5	5.4
2	φ 40	φ 46	49.64×49.64	38×38	5.4
3	φ 50	φ 54.4	59.75×59.75	46.5×46.5	7.4
4	φ 63	φ 67.7	69.5×69.5	56.5×56.5	7.4
5	φ 80	φ 85.5	86×86	72×72	9.1
6	φ 100	φ 105.5	105.5×105.5	89×89	9.1
7	φ 125	φ 131	131×131	110×110	10.6

缸筒外形尺寸
CYLINDER TUBE EXTERNAL DIMENSION

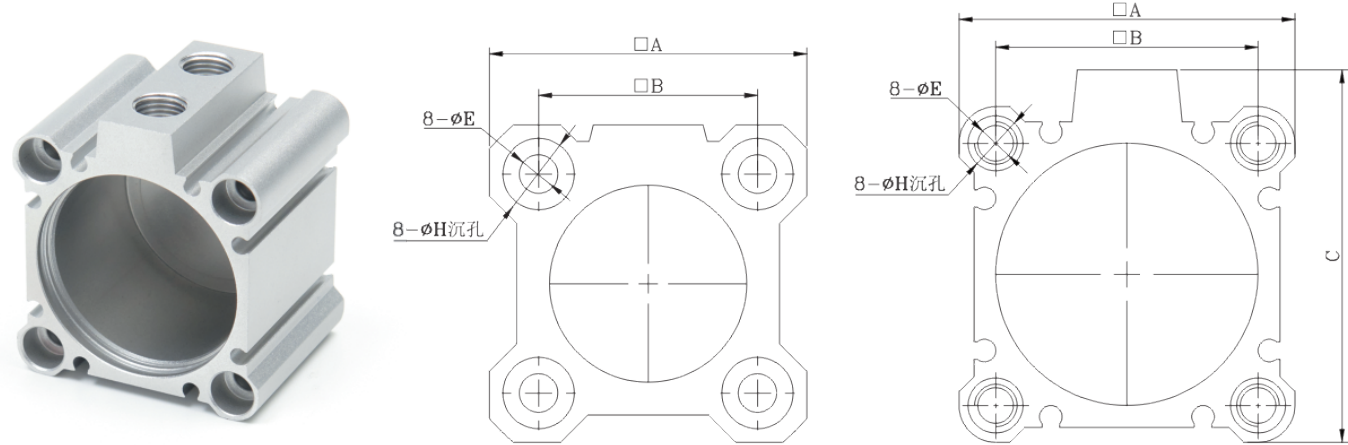
ACQ(φ 12-160)Series (B-11)
ISO15552 cylinder tube



CQ2 φ 12- φ 100缸筒					
规格/Spc. 代号/Code	A	B	C	E	H
φ 12	25	20		M4	6
φ 16	29	20		M4	6
φ 20	36	25.5		M6	9
φ 25	40	28		M6	9
φ 32	45	34	49.5	M6	9
φ 40	53	40	57	M6	9
φ 50	64	50	71	M8	10.5
φ 63	77	60	84	M10	14
φ 80	98	77	104	M12	17
φ 100	117	94	123.5	M12	17
φ 125	142	114	153	M14	21.2
φ 140	158	128	168	M14	21.2
φ 160	178	144	188	M16	24.5

缸筒外形尺寸
CYLINDER TUBE EXTERNAL DIMENSION

CQ2(φ 12-100)Series (B-12)
ISO15552 cylinder tube



CQ2 φ 12- φ 100缸筒					
规格 / Spc. 代号 / Code	A	B	C	E	H
φ 12	29	20		M4	6.5
φ 16	29	20		M4	6
φ 20	36	25.5		M6	9
φ 25	40	28		M6	9
φ 32	45	34	49.5	M6	9
φ 40	52	40	57	M6	10.5
φ 50	64	50	71	M8	10.5
φ 50	77	60	84	M10	14
φ 50	98	77	104	M12	17
φ 100	117	94	123.5	M12	17

缸筒外形尺寸
CYLINDER TUBE EXTERNAL DIMENSION

材质/Material: SUS304 / SUS316
外径/Outside Diameter: φ 11~213mm
内径/Inside Diameter: φ 10~200mm
内径公差/ID Tolerance: ISOH9/ISOH10
圆度/Roundness: 1/2 公差tolerance
表面粗糙度/Surface Roughness: Ra≤0.6
直线度/Straightness: 1mm/1000mm
供货长度/Length: ≤3000mm



内径公差表 Table of dimensions-ID Tolerance

内径 ID mm	外径 OD mm	壁厚 Thickness (mm)	重量 kg/m	内径公差ID Tolerance μm	
				H9	H10
10	11	0.5	0.13	0/+43	0/+70
12	13	0.5	0.16	0/+43	0/+70
16	17.5	0.75	0.31	0/+43	0/+70
20	21.5	0.75	0.39	0/+52	0/+81
25	26.5	0.75	0.48	0/+52	0/+81
30	31.5	0.75	0.58	0/+52	0/+81
32	33.5	0.75	0.61	0/+62	0/+100
40	41.5	0.8	0.76	0/+62	0/+100
32	40.0	4.0	3.16	0/+62	0/+100
40	45.0	2.5	2.65	0/+62	0/+100
50	55	2.5	3.27	0/+62	0/+100
63	70	3.5	4.93	0/+74	0/+120
80	86	3.0	6.20	0/+74	0/+120
100	106	3.0	10.40	0/+87	0/+140
125	133	4.0	12.86	0/+100	0/+160
160	168	5.0	16.20	0/+100	0/+160
200	213	6.5	49.10	0/+115	0/+185

活塞杆外形尺寸
ROD EXTERNAL DIMENSION

直径/Dimension: φ 6~250mm
直径公差/Tolerance:ISO7/定制 On request
圆度/Roundness:≤1/2 公差 Diameter tolerance
供货长度/Standard length: < φ 30mm, 2~3 mts/定长On request cut length
≥ φ 30mm, 3~6mts/定长On request cut length
表面粗糙度/Surface Roughness: Ra≤0.2
镀层厚度/Chrome layer thickness: φ < 20mm:min.15 μm
φ ≥20mm:min.20 μm
镀层硬度/Chrome layer Hardness: HV850~HV1050
直线度/straightness: 0.15/1000mm
耐腐蚀试验标准/Evaluation Corroseton Test: ISO 10289:1999,IDT
交货状态/Delivery condition: 普通, 调质, 表面淬火
NORMAL,QT, INDUCTION HARDENED



钢号对照表 Steel grades correspondents

GB	EN	DIN	B.S.	UNI	JIS	GOST	"AISISAEASTM"
42CrMo	42CrMo4	42CrMo4	708M40	42CrMo4	SCM440(H)	40ChFA	4140
45#	C45E	CK45	080M46	C45	S45C	45	1045
0Cr18Ni9	X5CrNi18-10	X5CrNi18-10	304S17	X5CrNi18-10	SUS304	08Ch18N10	304
2Cr13	X20Cr13	X20Cr13	420S37	X20Cr13	SUS420F	20Ch13	420
1Cr17Ni2	X17CrNi16-2	X17CrNi16-2	431S29	X16CrNi16	SUS431	20Ch17N2	431
1Cr17	X6Cr17	X6Cr17	430S15	X8Cr17	SUS430	-	430

化学成分 Chemmical composition-in % by weight

"钢号/ Steel grade"	C	SI	Mn	P	S	Cr	Mo	Ni
42CrMo	0.38~0.45	0.17~0.37	0.5~0.8	≤0.035	≤0.035	0.9~1.2	0.15~0.25	≤0.03
45#	0.42~0.5	0.17~0.37	0.5~0.8	≤0.035	≤0.035	≤0.25	≤0.1	≤0.25
304	≤0.07	≤1	≤2	≤0.045	≤0.03	18-20	—	8-10.5
420	0.16~0.25	≤1	≤1.5	≤0.04	≤0.03	12-14	—	—
431	0.12~0.22	≤1	≤1.5	≤0.04	≤0.03	15-17	—	1.5-2.5
430	≤0.12	≤0.75	≤1	≤0.04	≤0.03	16-18	—	≤0.6

机械性能 Mechanical properties

钢号 Steel grade	抗拉 Tensile N/mm²	屈服 Yield N/mm²	延伸 Elongation
42CrMo+QT	≥1080	≥930	min.12%
45#+QT	≥600	≥390	min.16%
45#	≥600	≥355	min.16%
304	≥520	≥205	min.40%
420	≥635	≥440	min.20%
431	≥800	≥600	min.10%
430	≥450	≥205	min.22%

直径公差表 Tolerance

Diameter mm	ISO f7 μ m	ISO f8 μ m
φ =6	-10/-22	-10/-28
6 < φ ≤10	-13/-28	-13/-35
10 < φ ≤18	-16/-34	-16/-43
18 < φ ≤30	-20/-41	-20/-53
30 < φ ≤50	-25/-50	-25/-64
50 < φ ≤80	-30/-60	-30/-76
80 < φ ≤120	-36/-71	-36/-90
120 < φ ≤180	-43/-83	-43/-106
180 < φ ≤250	-50/-96	-50/-122

活塞杆技术参数 TECHNICAL INDICES OF PISTON ROD(CHROME PLATED BARS)

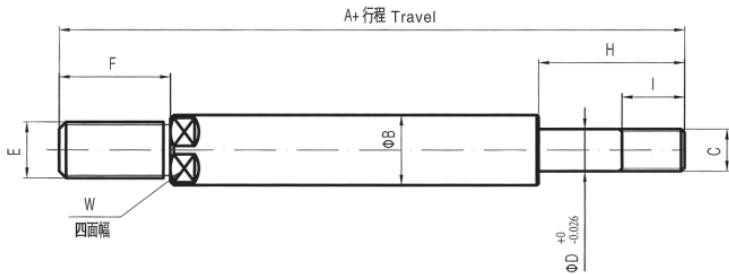
铬层厚度 Chrome Plated Thickness	φ <20mm≥15 μ m, from φ > 20mm > 20 μ m
表面光洁度 Surface Roughness	Ra < 0.2
铬层硬度 Hardness Chrome Layer	HV850~HV1050
外径公差 Diameter Tolerance	f7,f8
直线度 Straightness	0.1/1000mm
椭圆度 Ovality	<1/2 外径公差diameter tolerance
耐腐蚀试验标准 Evaluation Corroseteston Test	ISO 10289:1999,IDT
交货状态 Condition of delivery:	普通, 淬火, 调质, 固溶, 时效 Normal,Induction Harden,Q+T Solid Solution, Aging
交货长度 Condition of delivery length:	≤ φ 32, 2~3mts > φ 35,5~6mts 也可按图纸或客户需求 Also we can cut as required or according to drawings

活塞杆公差 TOLERANCE OF PISTON ROD

直径Dia	重量Weight	公差Tolerance		直径Dia	重量Weight	公差Tolerance	
mm	kg/m	f7(μ m)	f8(μ m)	mm	kg/m	f7(μ m)	f8(μ m)
6	0.22	-10~-22	-10~-28	75	34.71	-30~-60	-30~-76
8	0.39	-13~-28	-13~-35	80	39.49	-30~-60	-30~-76
10	0.62	-13~-28	-13~-35	85	44.58	-36~-71	-36~-90
12	0.89	-16~-34	-16~-43	90	49.98	-36~-71	-36~-90
16	1.58	-16~-34	-16~-43	95	55.68	-36~-71	-36~-90
18	2.00	-16~-34	-16~-43	100	61.70	-36~-71	-36~-90
20	2.47	-20~-41	-20~-53	105	68.02	-36~-71	-36~-90
22	2.99	-20~-41	-20~-53	110	74.66	-36~-71	-36~-90
25	3.86	-20~-41	-20~-53	115	81.60	-36~-71	-36~-90
28	4.84	-20~-41	-20~-53	120	88.85	-36~-71	-36~-90
30	5.55	-20~-41	-20~-53	125	96.41	-43~-83	-43~-106
32	6.32	-25~-50	-25~-64	130	104.27	-43~-83	-43~-106
35	7.56	-25~-50	-25~-64	135	112.45	-43~-83	-43~-106
36	8.00	-25~-50	-25~-64	140	120.93	-43~-83	-43~-106
38	8.91	-25~-50	-25~-64	150	138.83	-43~-83	-43~-106
40	9.87	-25~-50	-25~-64	160	157.95	-43~-83	-43~-106
45	12.49	-25~-50	-25~-64	170	178.31	-43~-83	-43~-106
48	14.22	-25~-50	-25~-64	180	199.91	-43~-83	-43~-106
50	15.43	-25~-50	-25~-64	190	222.74	-50~-96	-50~-122
55	18.66	-30~-60	-30~-76	200	246.80	-50~-96	-50~-122
56	19.35	-30~-60	-30~-76	210	272.10	-50~-96	-50~-122
60	22.21	-30~-60	-30~-76	220	298.63	-50~-96	-50~-122
63	24.49	-30~-60	-30~-76	230	326.39	-50~-96	-50~-122
65	26.07	-30~-60	-30~-76	240	355.39	-50~-96	-50~-122
70	30.23	-30~-60	-30~-76	250	385.63	-50~-96	-50~-122

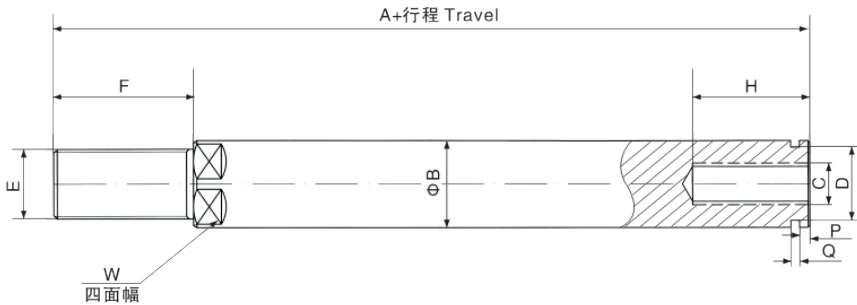
活塞杆外形尺寸
ROD EXTERNAL DIMIOMS

活塞杆Rod



孔径 Bore	符号 Symbol	A	B	C	D	E	F	H	I	W	L	订购代码/ Order code	重量/千克 Weight(kg)
Φ32		117	12	M8	8	M10×1.25	22	32	13.5	10	2000	B-DNC32	1.7
Φ40		131.5	16	M10	10	M12×1.25	24	38	13.5	13	2000	B-DNC40	3.1
Φ50		147	20	M12	12	M16×1.5	32	38	13.5	17	2000	B-DNC50	4.9
Φ63		151	20	M12	12	M16×1.5	32	48	17	17	2000	B-DNC63	4.9
Φ80		180.5	25	M16	16	M20×1.5	40	46	16.5	22	2000	B-DNC80	7.7
Φ100		196	25	M16	16	M20×1.5	40	56	18	22	2000	B-DNC100	7.7
Φ125		235.5	32	M16	16	M27×2.0	54	52	24	27	2000	B-DNC125	12.5

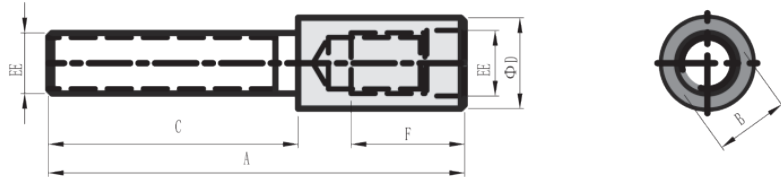
活塞杆Rod



孔径 Bore	符号 Symbol	A	B	C	D	E	F	H	P	Q	W	L	订购代码/ Order code	重量/千克 Weight(kg)
Φ32		82	12	M6	9.8	M10×1.25	22	20	3	2.2	10	2000	B-SI32	1.7
Φ40		93.5	16	M8	12.7	M12×1.25	24	20	3	2.2	13	2000	B-SI40	3.1
Φ50		107.5	20	M10	16	M16×1.5	32	20	3	2.6	17	2000	B-SI50	4.9
Φ63		109.5	20	M10	16	M16×1.5	32	20	3	2.6	17	2000	B-SI63	4.9
Φ80		127	25	M12	21	M20×1.5	40	25	3	2.6	22	2000	B-SI80	7.7
Φ100		136	25	M12	21	M20×1.5	40	25	3	2.6	22	2000	B-SI100	7.7
Φ125		182	32	M16	27	M27×2.0	54	35	4	3.5	27	2000	B-SI125	12.5
Φ160		217	40	M20	34.8	M36×2.0	72	35	4	3.5	36	2000	B-SI160	19.5
Φ200		231	40	M20	34.8	M36×2.0	72	35	4	3.5	36	2000	B-SI200	19.5

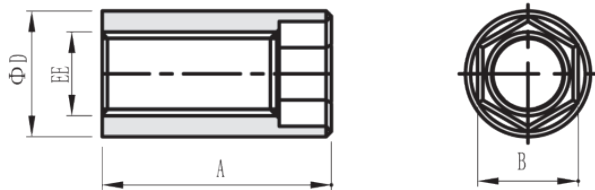
拉杆螺帽外形尺寸
TIE BOLT EXTERNAL DIMIOMS

自攻螺丝 Self topping tie rod screw



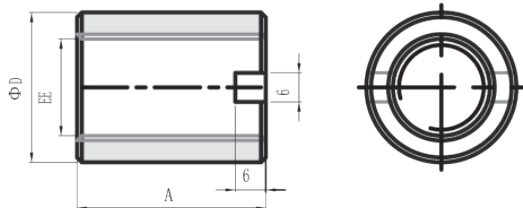
孔径 Bore	符号 Symbol	A	B	C	D	EE	F	订购代码/ Order code	重量/克 Weight(g)
M6		44	6	25	10	M6×1.0	18	B-DNG/B-DNC/B-MB/B-SI32/40	10.6
M8		51	8	28	12	M8×1.25	18	B-DNG/B-DNC/B-MB/B-SI50/63	19.3
M10		53	10	28	15	M10×1.5	21	B-DNG/B-DNC/B-MB/B-SI80/100	35.1
M12		60	12	30	18	M12×1.75	25	B-DNG/B-DNC/B-MB/B-SI125	65.2

拉杆螺帽 Tie rod nut



孔径 Bore	符号 Symbol	A	B	D	EE	订购代码 Order code	重量/克 Weight(g)
M6		21.5	6	9	M6×1.0	B-DNG/B-MB32/40 B-SC32/40/50 B-SI32/40	6.2
M8		21.5	8	12	M8×1.25	B-DNG/B-MB50/63 B-SC63/B-SI50/63	11.2
M10		25	10	15	M10×1.5	B-DNG/B-MB80/100 B-SC/B-SI80/100	20.1
M12		25	12	18	M12×1.75	B-MB125	29.5
M12		29	12	18	M12×1.75	B-DNC/B-DNG/B-SI125	34.2
M16		35	17	24	M16×2.0	B-DNG/B-SI160/200	67.5

拉杆螺帽 Tie rod nut



孔径 Bore	符号 Symbol	A	D	EE	订购代码/ Order code	重量/克 Weight(g)
M20		39	31	M20×2.5	B-DNG250	141
M24		44	35	M24×3.0	B-DNG320	210.2

材质/Material: Q235/SUS304/SUS316/SUS430

规格/Specification: $\phi 5.28 \sim \phi 28.92$, 可定制/or custom made

表面粗糙度/Surface Roughness: Ra<3.2

直径公差/Tolerance: h9

直线度/Straightness: 0.3/1000mm

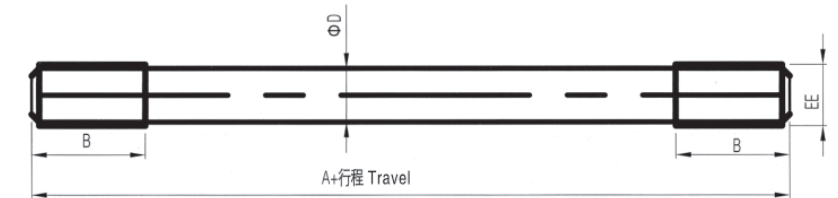
圆度/Roundness: $<1/2$ 直径公差diameter tolerance

供货长度/Delivery Length: 3000mm



直 径 Dia (mm)	公 差 Tolerance(μ m) (h9)	重 量Weight(kg/m)		
		42CrMo	SUS304	SUS430
φ 5.28	0/-30	0.17	0.17	0.17
φ 7.11	0/-36	0.31	0.31	0.31
φ 7.28	0/-36	0.33	0.33	0.32
φ 9.11	0/-36	0.51	0.52	0.51
φ 10.94	0/-43	0.74	0.75	0.73
φ 11.11	0/-43	0.76	0.77	0.75
φ 12.94	0/-43	1.03	1.04	1.02
φ 14.94	0/-43	1.38	1.39	1.36
φ 16.92	0/-43	1.77	1.78	1.74
φ 18.91	0/-52	2.21	2.23	2.18
φ 20.91	0/-52	2.70	2.72	2.66
φ 22.91	0/-52	3.24	3.27	3.20
φ 25.92	0/-52	4.15	4.19	4.09
φ 28.92	0/-52	5.16	5.21	5.09

 拉杆Tie rod



孔径 Bore	符号 Symbol	A	B	D	EE	L	订购代码/ Order code	重量/千克 Weight(kg)
		DNG/SI						
Φ32		67	11	5.3	M6×1.0	2000	B-DNG/B-MB/B-SI32	0.3
Φ40		78	11	5.3	M6×1.0	2000	B-DNG/B-MB/B-SI40	0.3
Φ50		79	12	7	M8×1.25	2000	B-DNG/B-MB/B-SI50	0.6
Φ63		93	12	7	M8×1.25	2000	B-DNG/B-MB/B-SI63	0.6
Φ80		96	15	9	M10×1.5	2000	B-DNG/B-MB/B-SI80	1.0
Φ100		106	15	9	M10×1.5	2000	B-DNG/B-MB/B-SI100	1.0
Φ125		120	15	10.8	M12×1.75	2000	B-DNG/B-MB/B-SI125	1.7
Φ160		140	20	14.6	M16×2.0	2000	B-DNG/B-SI160	3.0
Φ200		140	20	14.6	M16×2.0	2000	B-DNG/B-SI200	3.0
Φ250		160	23	18.2	M20×2.5	2000	B-DNG250	4.09
Φ320		170	23	21.9	M24×3.0	2000	B-DNG320	5.92

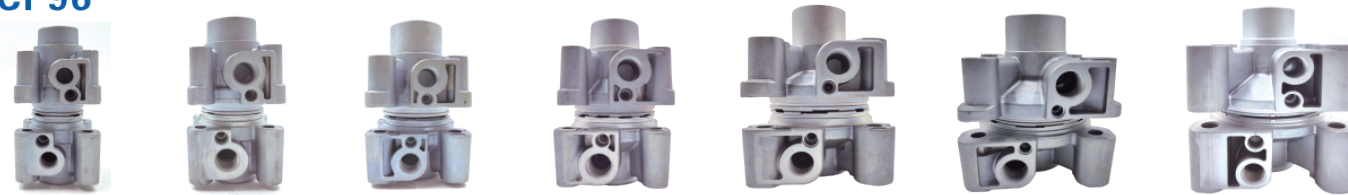
孔径 Bore	符号 Symbol	A	B	D	EE	L	订购代码/ Order code	重量/千克 Weight(kg)
	SC							
Φ32		67	11	5.3	M6×1.0	2000	B-SC32	0.3
Φ40		68	11	5.3	M6×1.0	2000	B-SC40	0.3
Φ50		68	12	5.3	M6×1.0	2000	B-SC50	0.6
Φ63		70	12	7	M8×1.25	2000	B-SC63	0.6
Φ80		78	12	9	M10×1.5	2000	B-SC80	1.0
Φ100		84	12	9	M10×1.5	2000	B-SC100	1.0
Φ125		79	15	10.8	M12×1.75	2000	B-SC125	1.7
Φ160		84	16	14.6	M16×2.0	2000	B-SC160	3.0
Φ200		84	16	14.6	M16×2.0	2000	B-SC200	3.0
Φ250		97	20	18.2	M20×2.5	2000	B-SC250	4.09

DSBC



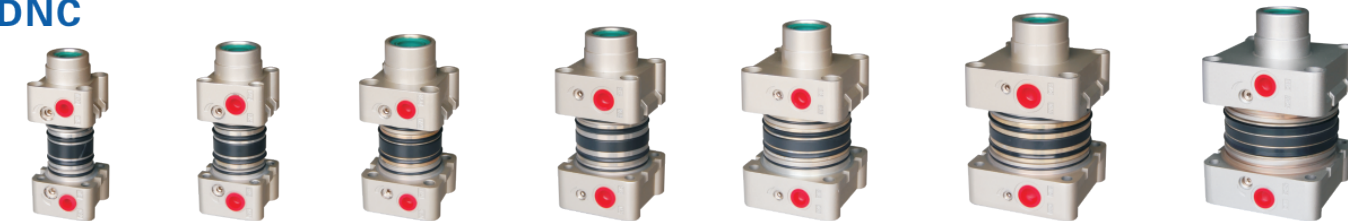
ISO15552 STANDARD Spec:32-125mm

CP96



ISO15552 STANDARD Spec:32-125mm

DNC



ISO15552 STANDARD IN Accordance with 6431 Spec:32-125mm

DNG



ISO15552 STANDARD IN Accordance with 6431 Spec:32-400mm

MB



ISO15552 STANDARD IN Accordance with 6431 Spec:32-125mm

SI



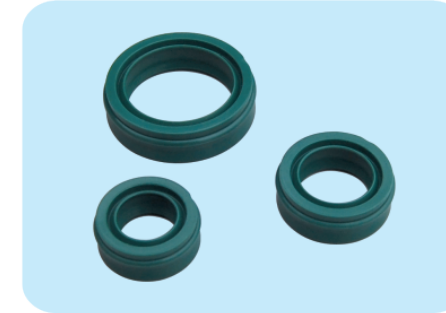
ISO15552 STANDARD IN Accordance with 6431 Spec:32-200mm

SC

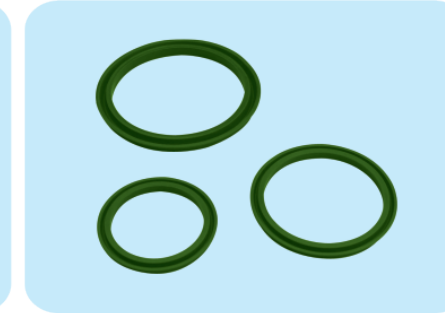


AIRTAC STANDARD IN Accordance with 6430 Spec:32-300mm

配件PU & VITON/PU & VITON seals



防尘圈
Anti dust seals



活塞圈
Piston ring

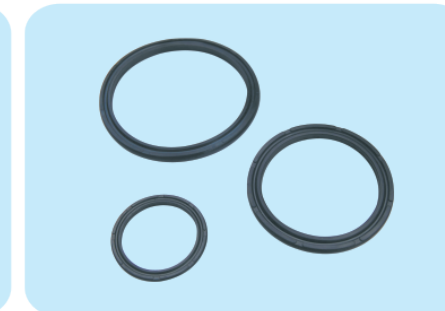


缓冲圈
Cushioning seals

配件NBR&VITON/NBR & VITON seals



防尘圈
Anti dust seals

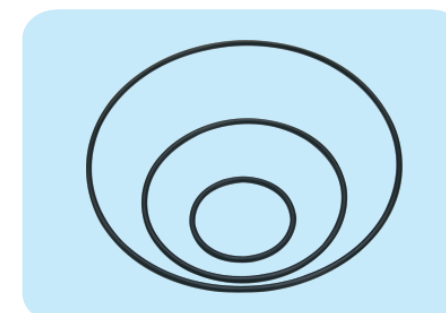


活塞圈
Piston ring

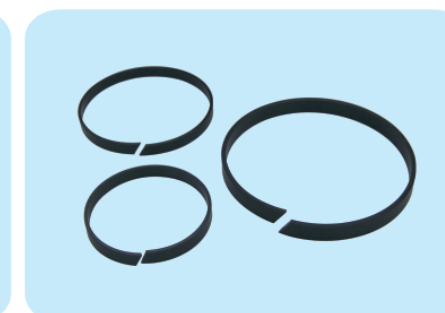


缓冲圈
Cushioning seals

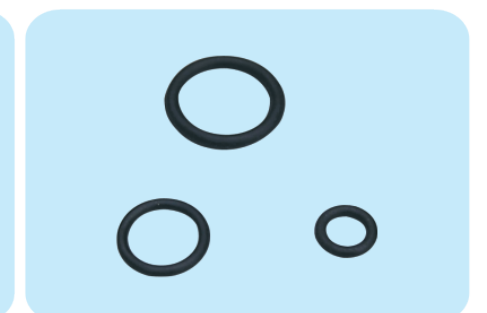
共用件Common Part/NBR & VITON O-rings



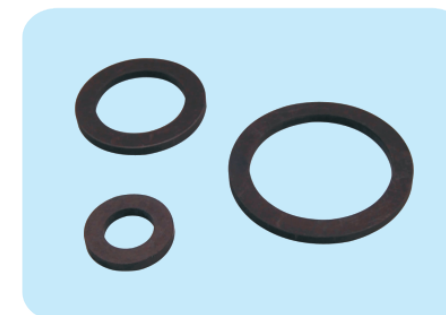
管壁O型圈
O-ring for front cover



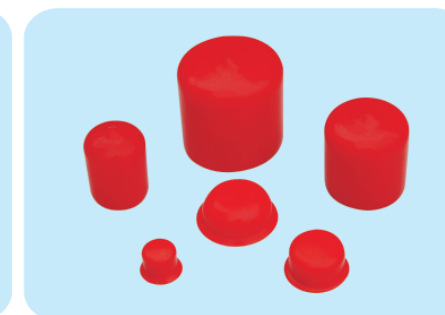
导向带
Wearing ring



轴芯垫
O-ring for piston and piston rod



磁环
Magnet



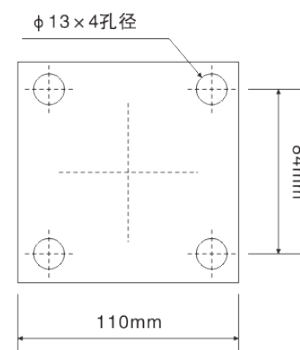
防护帽
Protective cover



磁性开关
Magnetic sensor



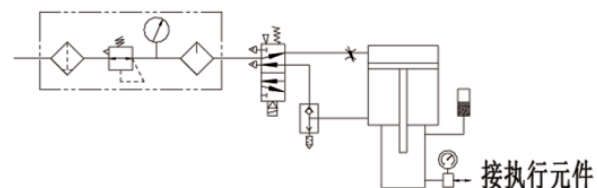
安装尺寸：底座安装尺寸

Mounting dimensions:
Base Mounting dimensions

产品规格/Product Specification

规格(增压比)specification (boosting ratio)	16	12.75	8.16	6.25	4.94
动作方式 action type	气缸、油缸均双动 pneumatic and hydraulic, all double action				
工作介质work medium	经三联件过滤处理的压缩空气 compressed air filtered by F.R.L. combination				
气缸耐压 operation pressure range	1.0MPa				
工作温度℃ available temperature	-5-60				
接管口径 port size	PT3/8				
0.6MPa下输出力 output force under 0.6Mpa	9.6MPa	7.65MPa	4.896MPa	3.75MPa	2.96MPa
重量(Kg) kilogram					

表示符号/Symble

型号规格
model specification
(打刀缸)
unclamping cylinder

型号说明/Model instruction

DNZG 16- 50cc A

型号规格
model specification
(增压缸)
boosting cylinder

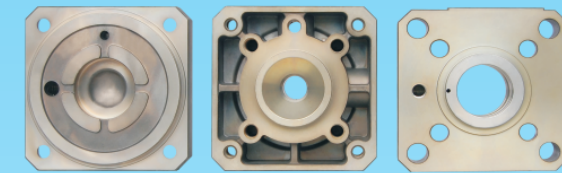
16: 倍增16
16: boost ratio 16
12.75: 倍增12.75
12.75: boost ratio 12.75
8.15: 倍增8.15
8.15: boost ratio 8.15
6.25: 倍增6.25
6.25: boost ratio 6.25
4.94: 倍增4.94
4.94: boost ratio 4.94

输出流量: cc
output flow: milliliter

50cc
60cc
80cc
110cc
160cc

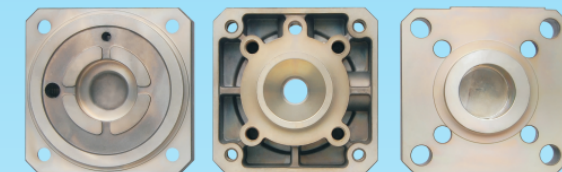
接电方式
electrical
connection mode

A: AC220V
B: DC24V
C: AC110V
E: AC24V
F: DC12V



CNC打刀缸盖/CNC Unclamping Cylinder Cover

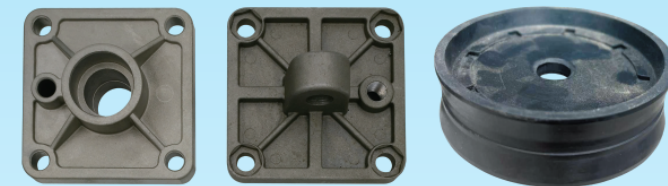
轴径/DIA	Φ14	Φ16	Φ18	Φ20
最大压力/Max Pressure	6T	4.5T	3.5T	2T



CNC增压缸盖/CNC Boosting Cylinder Cover

轴径/DIA	Φ45	Φ40	Φ30	Φ28	Φ25	Φ22
最大压力/Max Pressure	x4	x6.25	x8	x12.7	x16	x21

扒胎气缸端盖 Tyre Changer Cylinder Cover

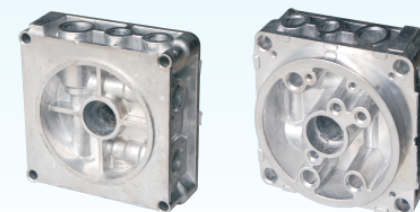


内径 (Bore/Symbol)	轴径/DIA	外径/Outer diameter	孔距/Hole pitch	接管口径/Port size
70	20	78X78	60	PT1/8
75	20	82X82	63.5	PT1/8

铝压铸/Aluminium Die Casting



动力单元油路块 Power Unit Block



数控加工/CNC Machining



刹车器本体 Brake

