

Thin Cylinder

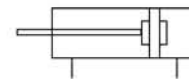
Character:

- Has ultra thin designs, light weight, occupies smaller space than traditional cylinder.
- Easy maintenance and disassembly.
- Inner and outer thread design in piston ends which can adapt to all circumstances.
- Non-lubrication design, may attached with sensor.

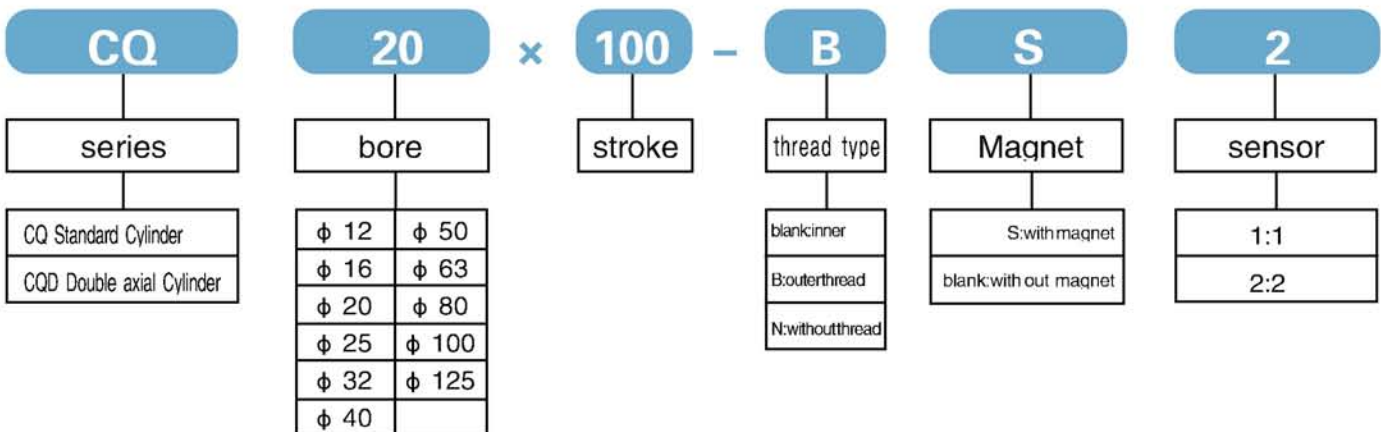


Specification:

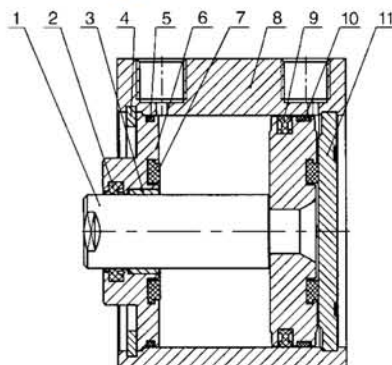
Mode	12	16	20	25	32	40	50	63	80	100	125
Acting type	double acting										
Series	CQ										
Fluid	air										
Operating pressure range (Mpa)	0.1~0.9										
Operating speed (mm/sec)	50~500										
Ambient temperature (°C)	-10~70°C										
Port size	M5		1/8"		1/4"		3/8"				



How to order:



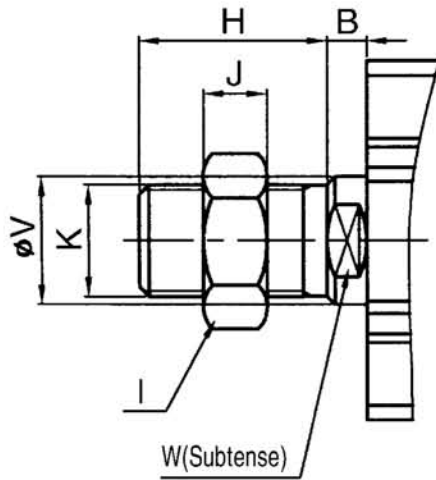
Inner structure drawing:



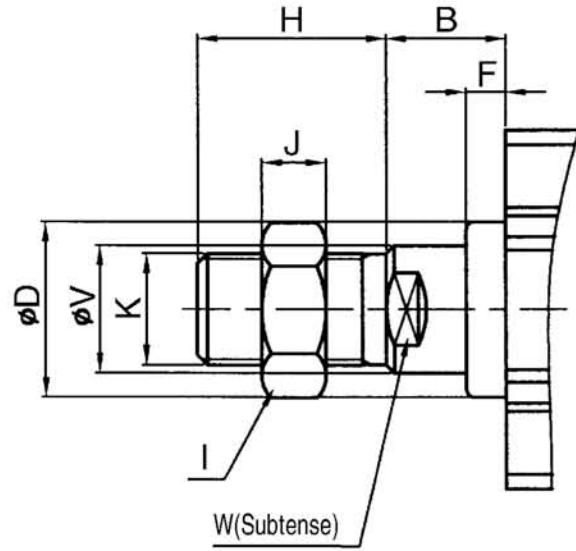
1	Piston rod	7	crashworthy washer
2	compageseal	8	tube
3	Oiled bearing	9	C-ring
4	Springiness washer	10	guard seals
5	O-ring	11	rear cover
6	front cover	12	

Outer thread dimension:

■ ϕ 12~125



■ ϕ 32~125

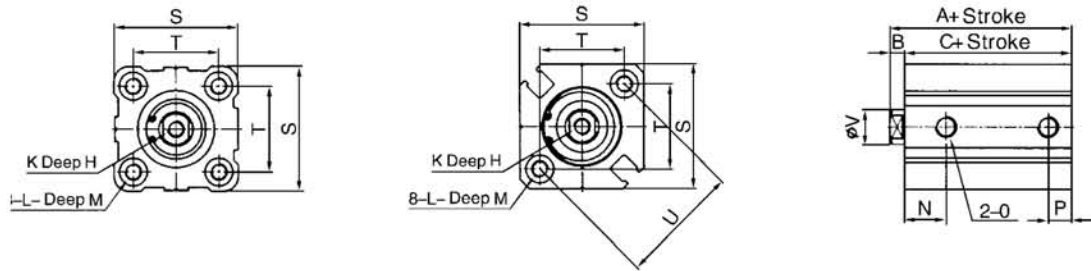


symbol/bore	B	H	I	J	K	V	W
12	3.5	10.5	8	4	M5	6	5
16	3.5	12	10	5	M6	8	6
20	4.5	14	12	6	M8	10	8
25	5	17.5	17	6	M10 × 1.25	12	10
32	5	23.5	19	8	M14 × 1.5	16	14
40	5	23.5	19	8	M14 × 1.5	16	14
50	5	28.5	27	11	M18 × 1.5	20	17
63	5	28.5	27	11	M18 × 1.5	20	17
80	8	35.5	32	13	M22 × 1.5	25	22
100	13	35.5	36	13	M26 × 1.5	32	27
125		45	46	14	M30 × 1.5	36	32

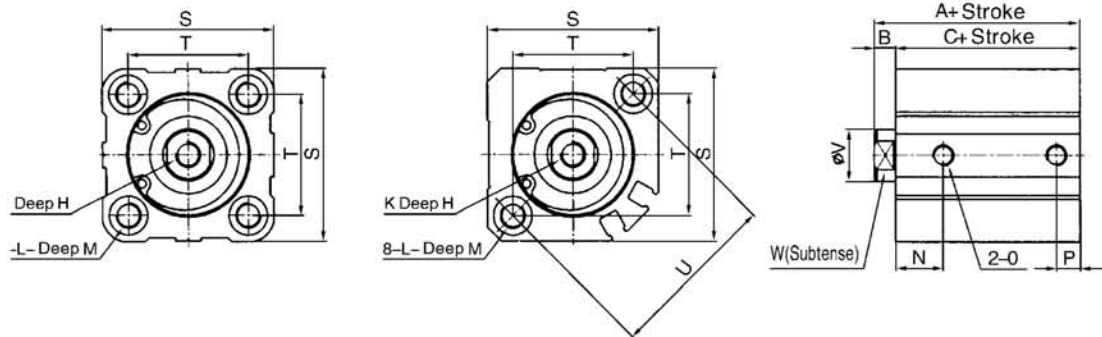
symbol/bore	B	D	F	H	I	J	K	V	W
32	15	22	5	23.5	19	8	M14 × 1.5	16	14
40	15	28	5	23.5	19	8	M14 × 1.5	16	14
50	15	35	5	28.5	27	11	M18 × 1.5	20	17
63	15	35	5	28.5	27	11	M18 × 1.5	20	17
80	18	43	5	35.5	32	13	M22 × 1.5	25	22
100	18	59	5	35.5	36	13	M26 × 1.5	32	27
125	18	63	5	45	46	14	M30 × 1.5	36	32

Standard Dimensions:

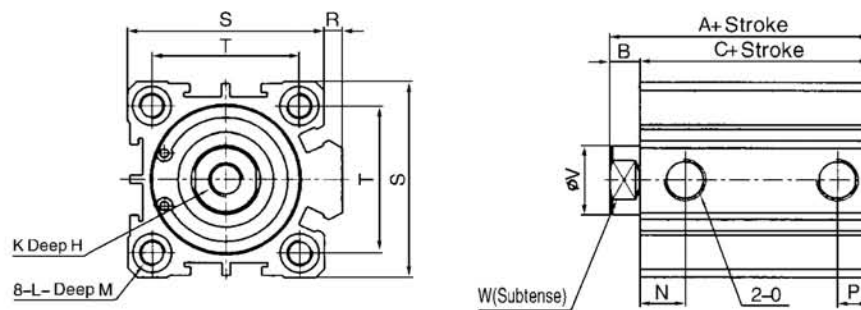
■ ϕ 12~16



■ ϕ 20~25



■ ϕ 32~125
(行程 \leq 100)

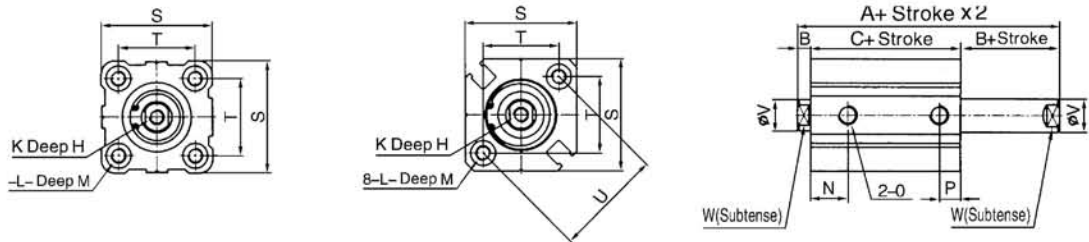


type	standard				with magnet		B	H	K	L
	A		C		A	C				
	stroke \leq 50	stroke \geq 60	stroke \leq 50	stroke \geq 60						
12	12	-	17	-	31.5	28	3.5	6	M3	11
16	16	-	18.5	-	34	30.5	3.5	8	M4	11
20	20	34	19.5	29.5	36	31.5	4.5	7	M5	17
25	25	37.5	22.5	32.5	37.5	32.5	5	12	M6	17
32	stroke=5	40	23	33	40	33	7	13	M6	17
	stroke>5									
40	40	46.5	29.5	39.5	46.5	39.5	7	13	M6	17
50	stroke=5	48.5	30.5	40.5	48.5	40.5	8	15	M8	22
	stroke>5									
63	stroke=5	54	36	46	54	46	8	15	M10	28
	stroke>5									
80	80	63.5	43.5	53.5	63.5	53.5	10	20	M12	35
100	100	75	53	63	75	63	12	26	M12	35
125	99		83		99	83	16	30	M14	35

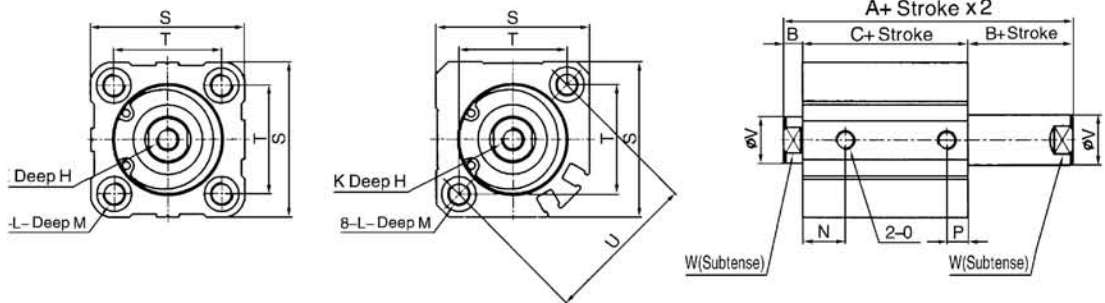
type	M	N		O	P		R	S	T	U	V	W
		standard	with magnet		standard	with magnet						
12	11	7.5	9	12	5	7	-	25	15.5	22	6	5
16	11	8	9.5	16	5.5		-	29	20	28	8	6
20	17	9	9.5	20	5.5		-	36	25.5	36	10	8
25	17	11		25	5.5		-	40	28	40	12	10
32	17	7.5	10.5	32	6.5	7.5	4.5	45	34	-	16	14
		10.5			7.5							
40	17	11		40	8		4	53	40	-	16	14
50	22	9	10.5	50	9	10.5	7	64	50	-	20	17
		10.5			10.5							
63	28	14	15	63	9.5	10.5	7	77	60	-	20	17
		15			10.5							
80	35	16		80	14		6	98	77	-	25	22
100	35	20		100	17.5		6.5	117	94	-	32	27
125	35	24.5		125	24.5		11	142	114	-	36	32

CQD Dimensions:

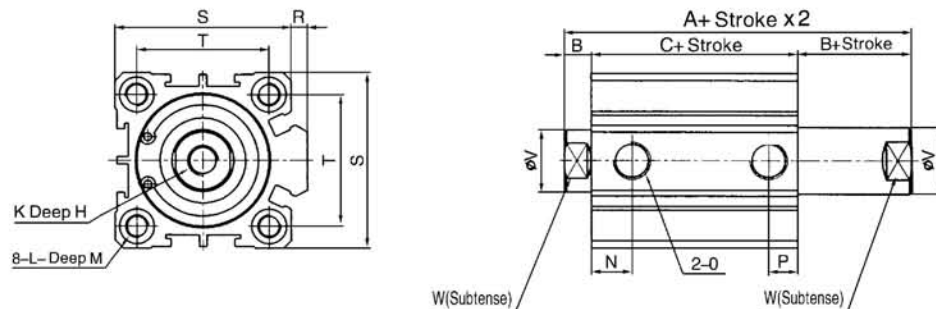
■ ϕ 12~16



■ ϕ 20~25



■ ϕ 32~125
(Stroke \leq 100)



type		standard		with magnet		B	H	K	L
symbol/bore	A	C	A	C					
12	32.2	25.2	39.4	32.4	3.5	6	M3	M4	
16	33	26	43	36	3.5	8	M4	M4	
20	35	26	47	38	4.5	7	M5	M6	
25	39	29	49	39	5	12	M6	M6	
32	44.5	30.5	54.5	40.5	7	13	M8	M6	
40	54	40	64	50	7	13	M8	M6	
50	56.5	40.5	66.5	50.5	8	15	M10	M8	
63	Stroke=5	58	42	68	52	8	12	M10	M10
	Stroke ≤ 10						15		
	Other								
80	Stroke ≤ 15	71	51	81	61	10	14	M16	M12
	Other						20		
	Stroke ≤ 15						84.5		
Other	26								
125	Stroke ≤ 15	115		115		16	22.5	M22	M14
	Other						30		

type		N	O	R	S	T	U	V	W
symbol/bore									
12	3.5	M5	-	25	15.5	6	6	6	5
16	3.5	M5	-	29	20	8	8	8	6
20	4.5	M5	-	36	25.5	7	10	10	7
25	5	M5	-	40	28	12	12	12	10
32	7	G1/8"	4.5	45	34	13	16	16	14
40	7	G1/8"	4	53	40	13	16	16	14
50	8	G1/4"	7	64	50	15	20	20	17
63	Stroke=5	12	G1/4"	7	77	60	-	20	17
	Stroke ≤ 10	16							
	Other								
80	Stroke ≤ 15	16	G3/8"	6	98	77	-	25	22
	Other								
100	Stroke ≤ 15	21	G3/8"	6.5	117	94	-	32	27
	Other								
125	Stroke ≤ 15	24.5	G3/8"	11	142	114	-	36	32
	Other								