

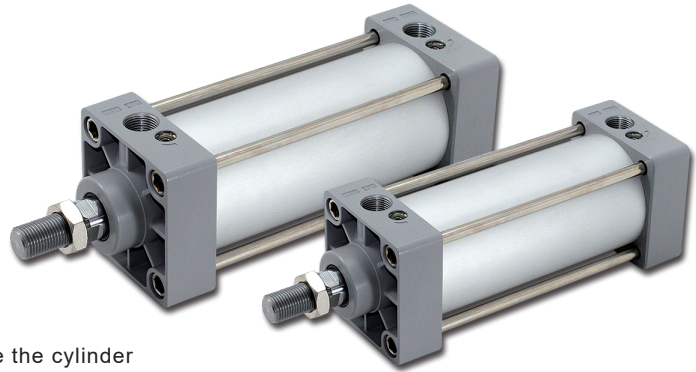
DAC standard cylinder (Tie rod)

Features and specifications

CHELIC PNEUMATIC

► Feature

- **Various installation types:**
Variety of installation accessories are available.
- **Lubrication-free:**
Use oil-impregnated bearings so that the piston rod does not need to be lubricated.
- **High temperature resistance:**
Use high temperature resistant sealing materials to make the cylinder work normally at a high temperature of 150 °C (customization).
- **Cushioning:**
Except for standard cushioning, the end of the cylinder is also equipped with adjustable cushioning, which makes the cylinder smooth and shock-free when reversing.
- **With magnet:**
A permanent magnet is installed on the cylinder piston, which can activate the magnetic switch installed on the cylinder to sense the movement position of the cylinder.



► Specification

Item	Bore size (mm)	32	40	50	63	80	100
Action		Double acting					
Fluid		Air					
Mounting type		FA, FB, CA, CB, LB					
Pressure range	Kgf/cm ²	1 ~ 9.0					
Proof pressure	Kgf/cm ²	13.5					
Ambient and fluid temperature	°C	-5 ~ 70					
Piston speed	mm/s	50 ~ 800					
Cushion		Adjustable cushion					
Cushion Stroke	mm	24					
Port size		G1/8	G1/4		G3/8		G1/2

► Stroke

Bore size (mm)	Standard stroke	Max. stroke	Allowable stroke
32	25 50 75 100 125 150 175 200 250 300 350 400 450 500	1000	2000
40	25 50 75 100 125 150 175 200 250 300 350 400 450 500 600 700 800	1200	2000
50	25 50 75 100 125 150 175 200 250 300 350 400 450 500 600 700 800 900 1000	1200	2000
63	25 50 75 100 125 150 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
80	25 50 75 100 125 150 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
100	25 50 75 100 125 150 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000

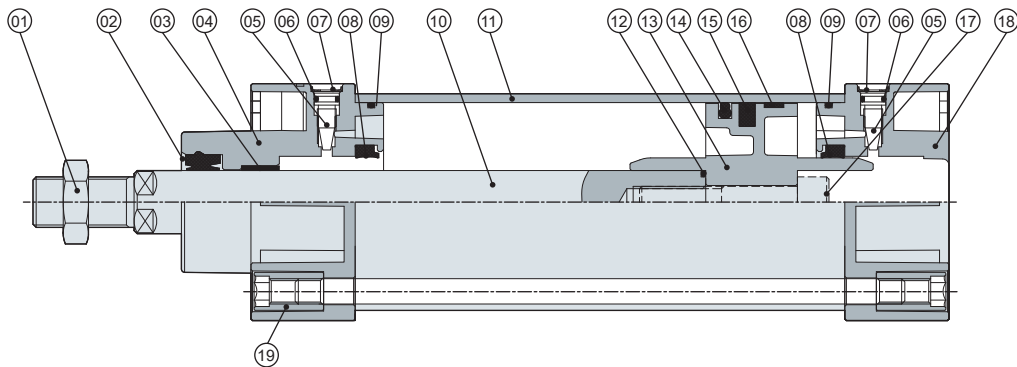
※ Please contact sales person for special strokes for cylinder.

DAC standard cylinder (Tie rod)

Internal structure and Code of order

CHELIC PNEUMATIC

Internal structure

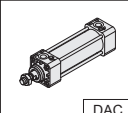
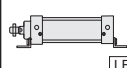
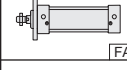

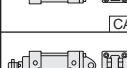


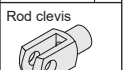
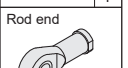
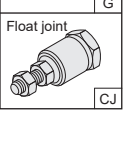

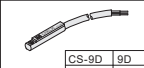
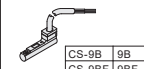
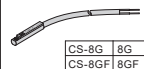
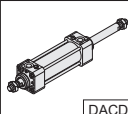
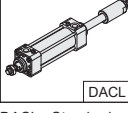
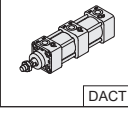


Components and material list

No.	Item	Material	No.	Item	Material
01	Nut	Carbon steel	11	Cylinder tube	Aluminum alloy
02	Dust proof seal	NBR	12	Piston rod seal	NBR
03	Oil bearing	Alloyed steel	13	Piston	Aluminum alloy
04	Front cover	Aluminum alloy	14	Piston seal	NBR
05	Needle valve	Brass	15	Magnet	Ferrite
06	O-ring	NBR	16	Wear ring	POM
07	Snap ring	Spring steel	17	Piston rod screw	Carbon steel
08	Cushion seal	NBR	18	Rear cover	Aluminum alloy
09	Cylinder seal	NBR	19	Nut	Carbon steel
10	Piston rod	Carbon steel			

Code of order



1 Model	2 Bore size	3 Stroke	4 Adjustable stroke	5 Mounting type	6 Accessory	7 Sensor bracket	8 Sensor switch	9 Sensor quantity										
 <p>DAC : Standard type</p>	32-Ø32 mm 40-Ø40 mm 50-Ø50 mm 63-Ø63 mm 80-Ø80 mm 100-Ø100 mm	Ø32-25 ~ 500 mm Ø40-25 ~ 800 mm Ø50-25 ~ 1000 mm Ø63-25 ~ 1000 mm Ø80-25 ~ 1000 mm Ø100-25 ~ 1000 mm	L1 : 25 mm L2 : 50 mm L3 : 75 mm	None: without Accessory  LB  FA  FB  CA  CB	None: without Accessory  I  Y  G  CJ	 DT7-□ ■ Sensor bracket please refer to page 194 <table border="1"> <tr><th>Model</th><th>Bore size</th></tr> <tr><td>DT7-1</td><td>Ø32-Ø40</td></tr> <tr><td>DT7-2</td><td>Ø50-Ø100</td></tr> <tr><td>DT7-3</td><td>Ø125</td></tr> <tr><td>DT7-4</td><td>Ø160-Ø200</td></tr> </table>	Model	Bore size	DT7-1	Ø32-Ø40	DT7-2	Ø50-Ø100	DT7-3	Ø125	DT7-4	Ø160-Ø200	 CS-9D 9D CS-9DF 9DF 9D : Reed sensor switch 9DF : Metal reed sensor switch  CS-9B 9B CS-9BF 9BF 9B : Reed sensor switch 9BF : Metal reed sensor switch  CS-8G 8G CS-8GF 8GF 8G : Solid state 8GF : Metal solid state sensor switch	1 : 1 PCS 2 : 2 PCS
Model	Bore size																	
DT7-1	Ø32-Ø40																	
DT7-2	Ø50-Ø100																	
DT7-3	Ø125																	
DT7-4	Ø160-Ø200																	
 <p>DACD : Standard cylinder(Double rod)</p>																		
 <p>DACL : Standard cylinder(Adjustable stroke)</p>																		
 <p>DACT : Standard cylinder(Multiple position)</p>																		

DAC

DAU

DAI

DNG

DMB2

Sensor mounting bracket

DNF

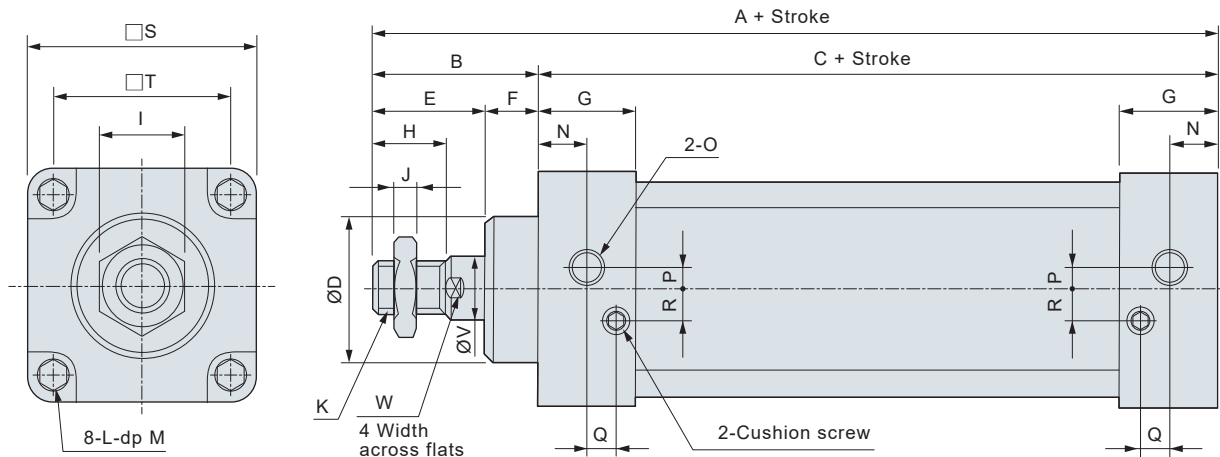
PCB3

DAC Standard cylinder (Tie rod)

Dimensions

CHELIC PNEUMATIC

▶ DAC Ø32 ~ Ø100 (Standard type)



▶ Dimension

Unit: mm

Bore size	Mark	A	B	C	D	E	F	G	H	I	J	K	L
32		140	47	93	28	32	15	27.5	22	17	6	M10 x 1.25	M6 x 1
40		142	49	93	32	34	15	27.5	24	17	7	M12 x 1.25	M6 x 1
50		150	57	93	38	42	15	27.5	32	23	8	M16 x 1.5	M6 x 1
63		153	57	96	38	42	15	27.5	32	23	8	M16 x 1.5	M8 x 1.25
80		183	75	108	47	54	21	33	40	26	10	M20 x 1.5	M10 x 1.5
100		189	75	114	47	54	21	33	40	26	10	M20 x 1.5	M10 x 1.5

Unit: mm

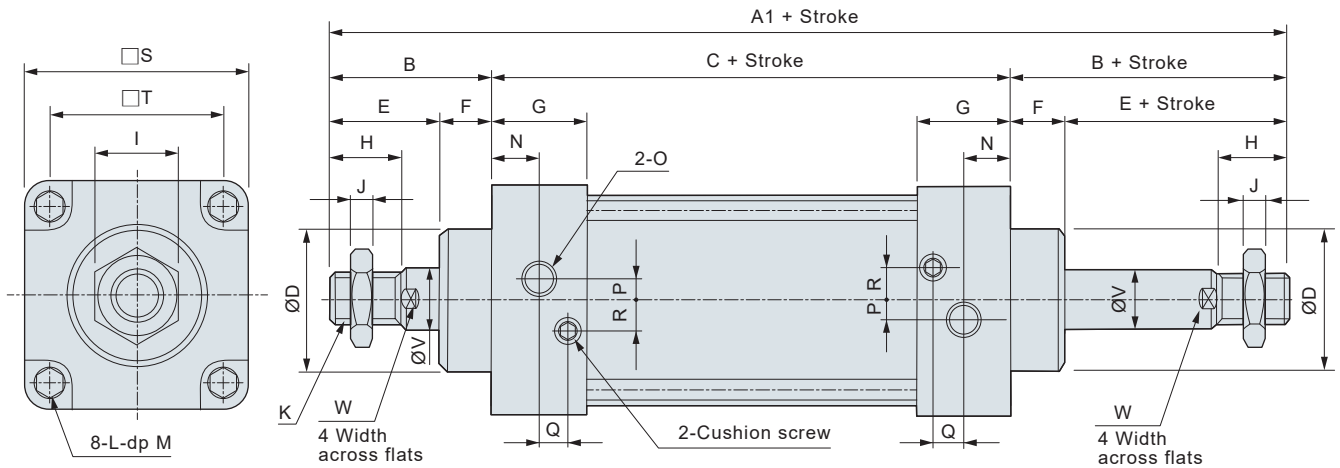
Bore size	Mark	M	N	O	P	Q	R	S	T	V	W
32		9.5	13.7	G1/8	3.5	7.5	7	45	33	12	10
40		9.5	13.5	G1/4	6	8.2	9	50	37	16	14
50		9.5	13.5	G1/4	8.5	8.2	9	62	47	20	17
63		9.5	13.5	G3/8	7	8.2	8.5	75	56	20	17
80		11.5	16.5	G3/8	10	9.5	14	94	70	25	22
100		11.5	16.5	G1/2	11	9.5	14	112	84	25	22

DACD Standard cylinder (Tie rod)

Dimensions

CHELIC PNEUMATIC

▶ DACD Ø32 ~ Ø100 (Double rod type)



DAC

DAU

DAI

DNG

DMB2

Sensor mounting bracket

DNF

PCB3

▶ Dimension

Unit: mm

Bore size	Mark	A1	B	C	D	E	F	G	H	I	J	K	L
32		187	47	93	28	32	15	27.5	22	17	6	M10 x 1.25	M6 x 1
40		191	49	93	32	34	15	27.5	24	17	7	M12 x 1.25	M6 x 1
50		207	57	93	38	42	15	27.5	32	23	8	M16 x 1.5	M6 x 1
63		210	57	96	38	42	15	27.5	32	23	8	M16 x 1.5	M8 x 1.25
80		258	75	108	47	54	21	33	40	26	10	M20 x 1.5	M10 x 1.5
100		264	75	114	47	54	21	33	40	26	10	M20 x 1.5	M10 x 1.5

Unit: mm

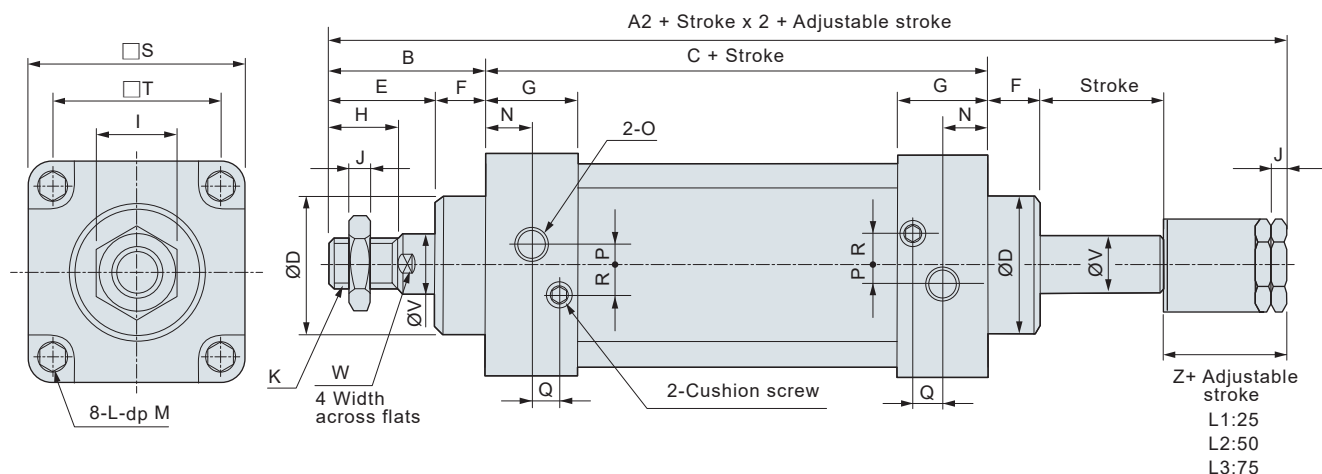
Bore size	Mark	M	N	O	P	Q	R	S	T	V	W
32		9.5	13.7	G1/8	3.5	7.5	7	45	33	12	10
40		9.5	13.5	G1/4	6	8.2	9	50	37	16	14
50		9.5	13.5	G1/4	8.5	8.2	9	62	47	20	17
63		9.5	13.5	G3/8	7	8.2	8.5	75	56	20	17
80		11.5	16.5	G3/8	10	9.5	14	94	70	25	22
100		11.5	16.5	G1/2	11	9.5	14	112	84	25	22

DACL standard cylinder (Tie rod)

External dimensions

CHELIC PNEUMATIC

DACL Ø32 ~ Ø100 (Adjustable stroke)



Dimension

Unit: mm

Bore size	Mark	A2	B	C	D	E	F	G	H	I	J	K	L
32		182	47	93	28	32	15	27.5	22	17	6	M10 x 1.25	M6 x 1
40		185	49	93	32	34	15	27.5	24	17	7	M12 x 1.25	M6 x 1
50		196	57	93	38	42	15	27.5	32	23	8	M16 x 1.5	M6 x 1
63		199	57	96	38	42	15	27.5	32	23	8	M16 x 1.5	M8 x 1.25
80		243	75	108	47	54	21	33	40	26	10	M20 x 1.5	M10 x 1.5
100		249	75	114	47	54	21	33	40	26	10	M20 x 1.5	M10 x 1.5

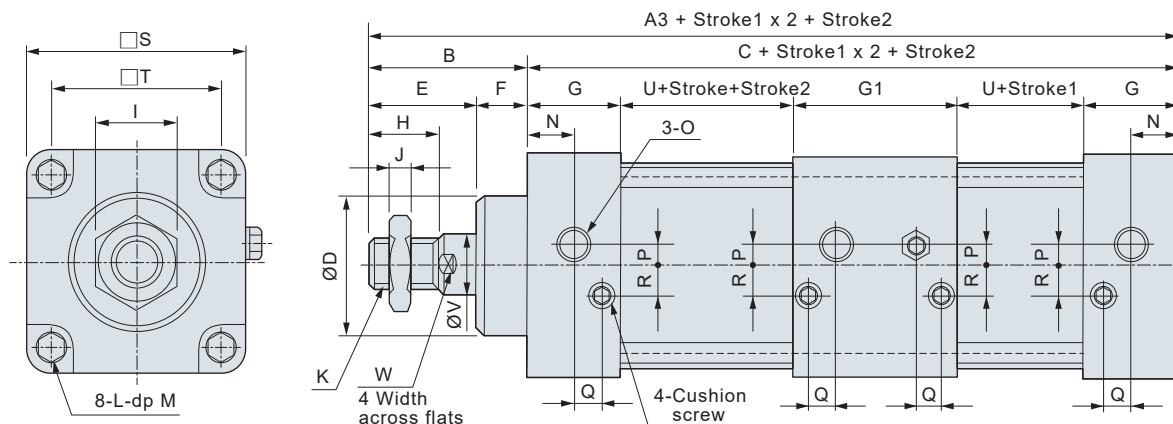
Bore size	Mark	M	N	O	P	Q	R	S	T	V	W	Z
32		9.5	13.7	G1/8	3.5	7.5	7	45	33	12	10	21
40		9.5	13.5	G1/4	6	8.2	9	50	37	16	14	21
50		9.5	13.5	G1/4	8.5	8.2	9	62	47	20	17	23
63		9.5	13.5	G3/8	7	8.2	8.5	75	56	20	17	23
80		11.5	16.5	G3/8	10	9.5	14	94	70	25	22	29
100		11.5	16.5	G1/2	11	9.5	14	112	84	25	22	29

DACT standard cylinder (Tie rod)

External dimensions

CHELIC PNEUMATIC

DACT Ø32 ~ Ø100 (Multiple position)



DAC

DAU

DAI

DNG

DMB2

Sensor mounting bracket

DNF

PCB3

Dimension

Unit: mm

Bore size	Mark	A3	B	C	D	E	F	G	G1	H	I	J	K	L
32		233	47	186	28	32	15	27.5	55	22	17	6	M10 x 1.25	M6 x 1
40		235	49	186	32	34	15	27.5	55	24	17	7	M12 x 1.25	M6 x 1
50		243	57	186	38	42	15	27.5	55	32	23	8	M16 x 1.5	M6 x 1
63		249	57	192	38	42	15	27.5	55	32	23	8	M16 x 1.5	M8 x 1.25
80		290	75	216	47	54	21	33	66	40	26	10	M20 x 1.5	M10 x 1.5
100		302	75	228	47	54	21	33	66	40	26	10	M20 x 1.5	M10 x 1.5

Bore size	Mark	M	N	O	P	Q	R	S	T	V	U	W
32		9.5	13.7	G1/8	3.5	7.5	7	45	33	12	38	10
40		9.5	13.5	G1/4	6	8.2	9	50	37	16	38	14
50		9.5	13.5	G1/4	8.5	8.2	9	62	47	20	38	17
63		9.5	13.5	G3/8	7	8.2	8.5	75	56	20	41	17
80		11.5	16.5	G3/8	10	9.5	14	94	70	25	41	22
100		11.5	16.5	G1/2	11	9.5	14	112	84	25	47	22

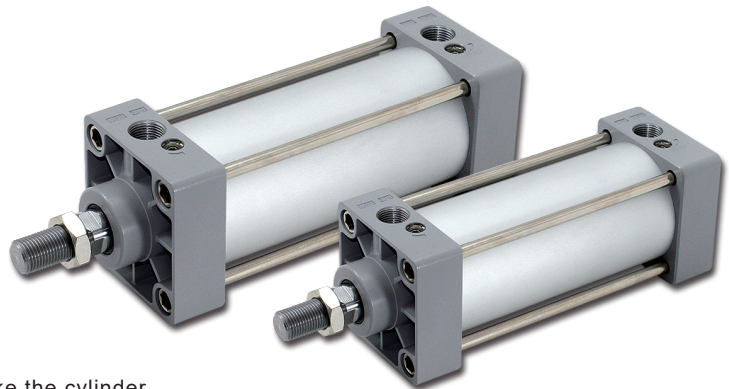
DAC standard cylinder (Large bore size)

Features and specifications

CHELIC PNEUMATIC

► Feature

- **Various installation types:**
Variety of installation accessories are available.
- **Lubrication-free:**
Use oil-impregnated bearings so that the piston rod does not need to be lubricated.
- **High temperature resistance:**
Use high temperature resistant sealing materials to make the cylinder work normally at a high temperature of 150 °C (customization).
- **Cushioning:**
Except for standard cushioning, the end of the cylinder is also equipped with adjustable cushioning, which makes the cylinder smooth and shock-free when reversing.
- **With magnet:**
A permanent magnet is installed on the cylinder piston, which can activate the magnetic switch installed on the cylinder to sense the movement position of the cylinder.



► Specification

Item	Bore size (mm)	125	160	200	250
Action		Double acting			
Fluid		Air			
Mounting type		FA, FB, CA, CB, LB			
Pressure range	Kgf/cm ²	1 ~ 10			
Proof pressure	Kgf/cm ²	15			
Ambient and fluid temperature	°C	-20 ~ 80			
Piston speed	mm/s	30 ~ 500			
Cushion		Adjustable cushion			
Cushion Stroke	mm	28	29	33	40
Port size		G1/2	G3/4		G 1

► Stroke

Bore size (mm)	Standard stroke	Max. stroke	Allowable stroke
125	25 50 75 100 125 150 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
160	25 50 75 100 125 150 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
200	25 50 75 100 125 150 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
250	25 50 75 100 125 150 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000

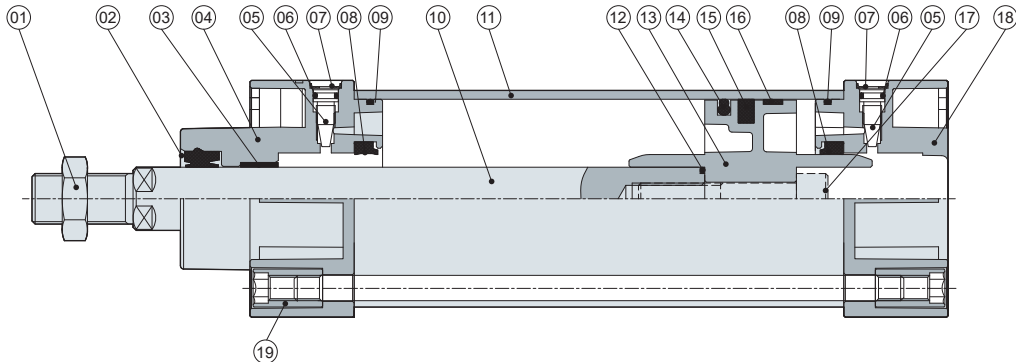
※ Please contact sales person for special strokes for cylinder.

DAC standard cylinder (Large bore size)

Internal structure and Code of order

CHELIC PNEUMATIC

Internal structure

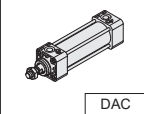
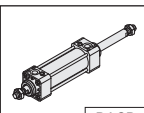
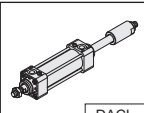
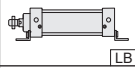
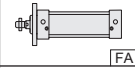
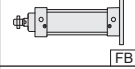
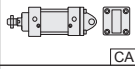
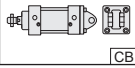
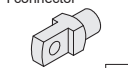
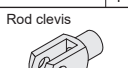

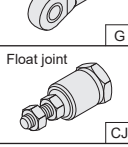

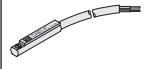


Components and material list

No.	Item	Material	No.	Item	Material
01	Nut	Carbon steel	11	Cylinder tube	Aluminum alloy
02	Dust proof seal	NBR	12	Piston rod seal	NBR
03	Oil bearing	Alloyed steel	13	Piston	Aluminum alloy
04	Front cover	Aluminum alloy	14	Piston seal	NBR
05	Needle valve	Brass	15	Magnet	Ferrite
06	O-ring	NBR	16	Wear ring	POM
07	Snap ring	Spring steel	17	Piston rod screw	Carbon steel
08	Cushion seal	NBR	18	Rear cover	Aluminum alloy
09	Cylinder seal	NBR	19	Nut	Carbon steel
10	Piston rod	Carbon steel			

Code of order

DAC - **125** × **250** - **L1** - **LB** - **Y** - **DT7-1** - **9D** - **2**

1	2	3	4	5	6	7	8	9										
Model  DAC DAC : Standard type  DACD : Standard cylinder(Double rod)  DACL : Standard cylinder(Adjustable stroke)	Bore size 125-Ø125 mm 160-Ø160 mm 200-Ø200 mm 250-Ø250 mm	Stroke Ø125-25 ~ 1000 mm Ø160-25 ~ 1000 mm Ø200-25 ~ 1000 mm Ø250-25 ~ 1000 mm	Adjustable stroke L1 : 25 mm L2 : 50 mm L3 : 75 mm	Mounting type None: without Accessory  LB  FA  FB  CA  CB	Accessory None: without Accessory I connector  I Rod clevis  Y Rod end  G Float joint  CJ	Sensor bracket  DT7-□ ■ Sensor bracket please refer to page 189 <table border="1"> <tr> <th>Model</th> <th>Bore size</th> </tr> <tr> <td>DT7-1</td> <td>Ø32-Ø40</td> </tr> <tr> <td>DT7-2</td> <td>Ø50-Ø100</td> </tr> <tr> <td>DT7-3</td> <td>Ø125</td> </tr> <tr> <td>DT7-4</td> <td>Ø160-Ø200</td> </tr> </table>	Model	Bore size	DT7-1	Ø32-Ø40	DT7-2	Ø50-Ø100	DT7-3	Ø125	DT7-4	Ø160-Ø200	Sensor switch  CS-9D 9D None: Standard 9D : Sensor switch mark(CS-9D) 9B : Sensor switch mark(CS-9B)	Sensor quantity 1 : 1 PCS 2 : 2 PCS
Model	Bore size																	
DT7-1	Ø32-Ø40																	
DT7-2	Ø50-Ø100																	
DT7-3	Ø125																	
DT7-4	Ø160-Ø200																	

DAC

DAU

DAI

DNG

DMB2

Sensor mounting bracket

DNF

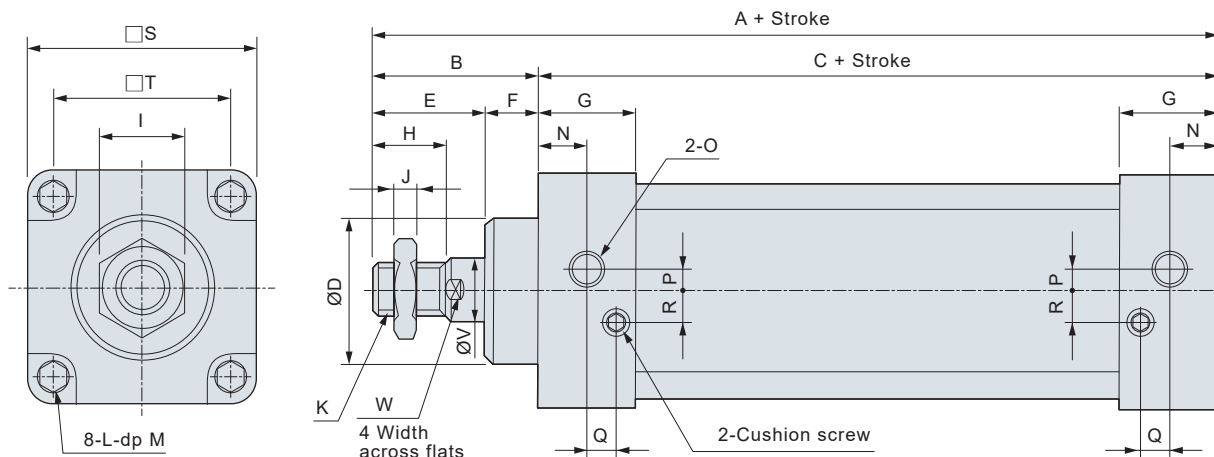
PCB3

DAC standard cylinder (Large bore size)

External dimensions

CHELIC PNEUMATIC

▶ DAC Ø125 ~ Ø250 (Standard type)



▶ Dimension

Unit: mm

Bore size	Mark	A	B	C	D	E	F	G	H	I	J	K	L
125		203	88	115	52	68	20	38	54	41	13.5	M27 x 2.0	M12 x 1.75
160		239	113	126	62	88	25	38	72	55	18	M36 x 2.0	M16 x 2.0
200		244	118	126	62	88	30	38	72	55	18	M36 x 2.0	M16 x 2.0
250		294	141	153	86	106	35	48	84	65	21	M42 x 2.0	M20 x 2.5

Unit: mm

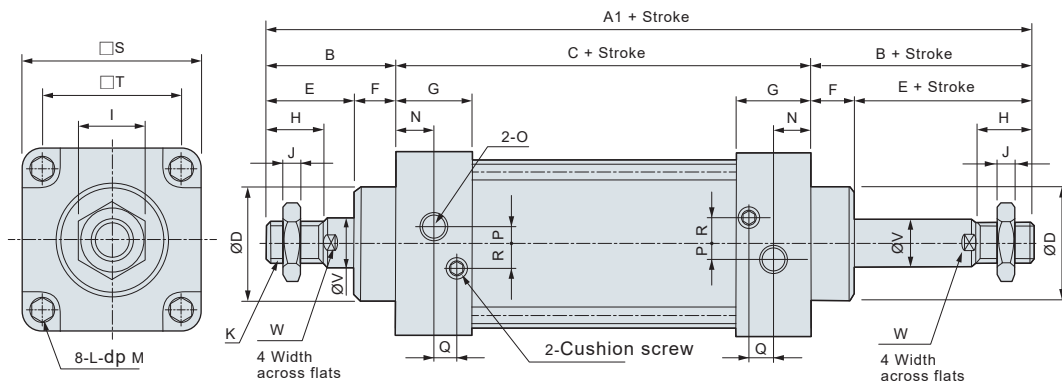
Bore size	Mark	M	N	O	P	Q	R	S	T	V	W
125		16	20	G1/2	14	6.5	14	136	104	32	27
160		15	20	G3/4	15	5	15	174	134	40	36
200		15	20	G3/4	15	5	15	214	163	40	36
250		19.5	25.5	G1	22	8.5	20	267	202	50	46

DACD/DACL Standard cylinder (Large bore size)

External dimensions

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▶ DACD Ø125 ~ Ø250 (Double rod type)



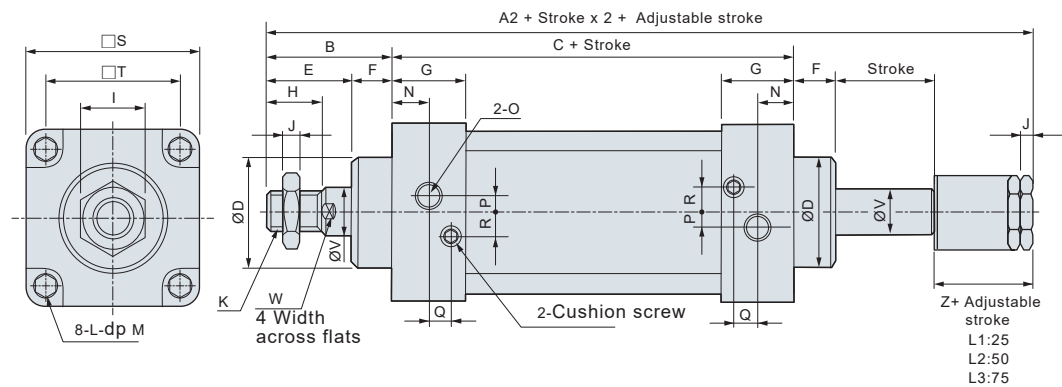
▶ Dimension

Unit: mm

Bore size	Mark	A1	B	C	D	E	F	G	H	I	J	K	L
125		291	88	115	52	68	20	38	54	41	13.5	M27 x 2.0	M12 x 1.75
160		352	113	126	62	88	25	38	72	55	18	M36 x 2.0	M16 x 2.0
200		362	118	126	62	88	30	38	72	55	18	M36 x 2.0	M16 x 2.0
250		435	141	153	86	106	35	48	84	65	21	M42 x 2.0	M20 x 2.5

Bore size	Mark	M	N	O	P	Q	R	S	T	V	W
125		16	20	G1/2	14	6.5	14	136	104	32	27
160		15	20	G3/4	15	5	15	174	134	40	36
200		15	20	G3/4	15	3	15	214	163	40	36
250		19.5	25.5	G1	22	8.5	20	267	202	50	46

▶ DACL Ø125 ~ Ø250 (Adjustable stroke)



▶ Dimension

Unit: mm

Bore size	Mark	A1	B	C	D	E	F	G	H	I	J	K	L
125		265.5	88	115	52	68	20	38	54	41	13.5	M27 x 2.0	M12 x 1.75
160		332	113	126	62	88	25	38	72	55	18	M36 x 2.0	M16 x 2.0
200		342	118	126	62	88	30	38	72	55	18	M36 x 2.0	M16 x 2.0
250		409	141	153	86	106	35	48	84	65	21	M42 x 2.0	M20 x 2.5

Bore size	Mark	M	N	O	P	Q	R	S	T	V	W	Z
125		16	20	G1/2	14	6.5	14	136	104	32	27	42.5
160		15	20	G3/4	15	5	15	174	134	40	36	68
200		15	20	G3/4	15	3	15	214	163	40	36	68
250		19.5	25.5	G1	22	8.5	20	267	202	50	46	80

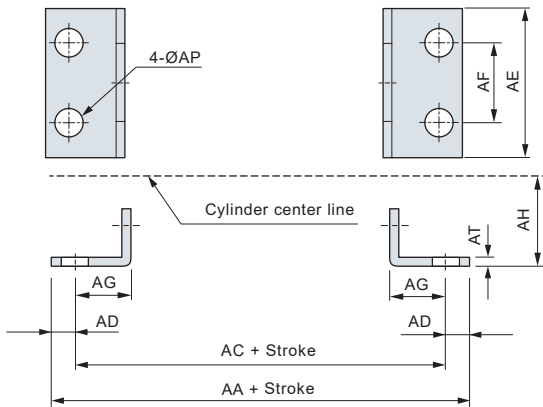
- DAC
- DAU
- DAI
- DNG
- DMB2
- Sensor mounting bracket
- DNF
- PCB3

DAC Standard cylinder (Tie rod)

Mounting options

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▶ Axial foot – **LB**



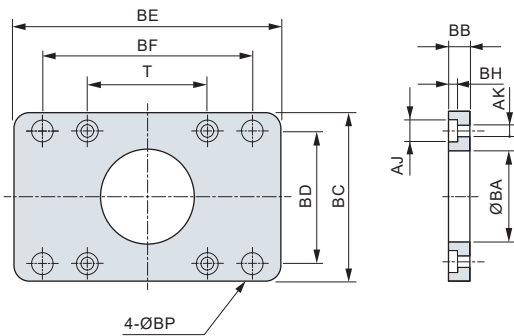
▶ Dimension

Unit: mm

Mark	Bore size	32	40	50	63	80	100	125	160	200	250
AA		153	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	136	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

▶ Flange – **FA** Front flange

FB End flange

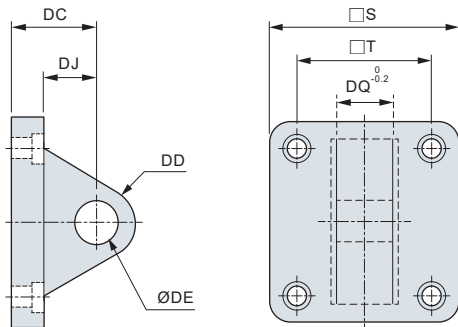


▶ Dimension

Unit: mm

Mark	Bore size	32	40	50	63	80	100	125	160	200	250
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	13	17	17	21
BA		28.3	32.3	38.3	38.3	47.3	47.3	52.3	62.3	62.3	86.3
BB		10	10	10	12	16	16	20	20	25	25
BC		47	52	65	75	95	115	135	173	213	255
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	16	20
BP		7	7	9	9	11	11	14	18	18	22
T		33	37	47	56	70	84	104	134	163	202

▶ Clevis – **CA** Single clevis

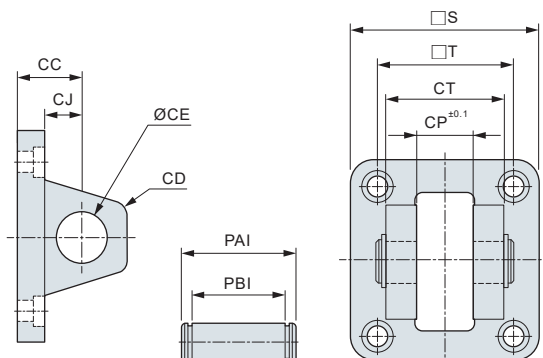


▶ Dimension

Unit: mm

Mark	Bore size	32	40	50	63	80	100	125	160	200	250
S		48	50	62	75	94	112	135	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

▶ Clevis – **CB** Double clevis



▶ Dimension

Unit: mm

Mark	Bore size	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	20	28	30	36
CE		12	14	14	14	20	20	20	28	28	36
CJ		11	11	11	11	18	18	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		39	51.8	59.8	59.8	72	72	73	90.2	90.2	130
PBI		32.8	44.8	52.8	52.8	64.8	64.8	64.8	80.8	80.8	108
S		48	50	62	75	94	112	135	173	213	255
T		33	37	47	56	70	84	104	134	163	202

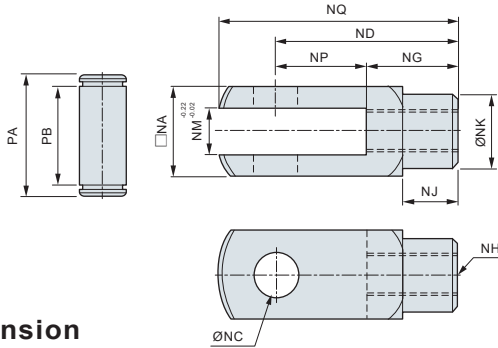
DAC standard cylinder (Tie rod)

Rod end joint

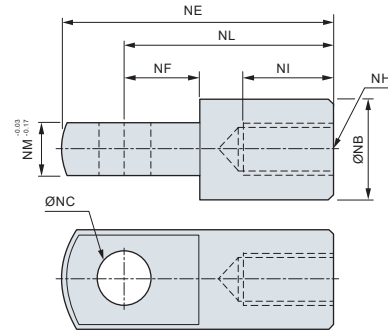
CHELIC PNEUMATIC

Joint specification

Rod clevis



I connector



Dimension

Bore size	Mark	NA	NB	NC	ND	NE	NF	NG	NH	NJ	NK	NM	NP	NQ	PA	PB	NL	NI
32		20	20	10	40	52	15	20	M10 x 1.25	15	18	10	20	52	25	19.5	40	20
40		24	24	12	48	67	24	24	M12 x 1.25	18	20	12	24	62	32.8	26.5	48	20
50		32	32	16	64	89	32	32	M16 x 1.5	24	26	16	32	83	39.3	33	64	23
63		32	32	16	64	89	32	32	M16 x 1.5	24	26	16	32	83	39.3	33	64	23
80		40	40	20	80	112	40	40	M20 x 1.5	30	34	20	40	105	53.3	45	80	30
100		40	40	20	80	112	40	40	M20 x 1.5	30	34	20	40	105	53.3	45	80	30
125		55	55	30	110	155	50	55	M27 x 2.0	40	42	30	55	148	64.2	54.8	110	55
160		70	-	35	144	-	-	72	M36 x 2.0	54	60	35	72	188	80.2	70.8	-	-
200		70	-	35	144	-	-	72	M36 x 2.0	54	60	35	72	188	80.2	70.8	-	-
250		85	-	40	168	-	-	84	M42 x 2.0	63.5	70	40.3	84	232	115	93	-	-

Unit: mm

DAC

DAU

DAI

DNG

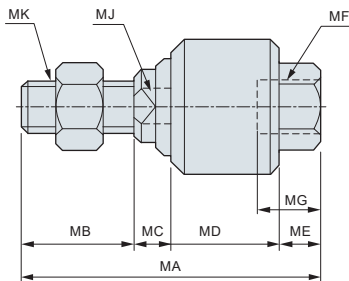
DMB2

Sensor mounting bracket

DNF

PCB3

Floating joint

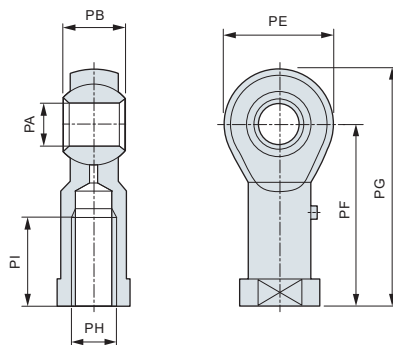


Dimension

Bore size	Mark	MA	MB	MC	MD	ME	MF	MG	MJ	MK
32		58	22	7	21	8	M10 x 1.25	13	10	M10 x 1.25
40		64	22	8	24	10	M12 x 1.25	15	12	M12 x 1.25
50		90	27	12	36	15	M16 x 1.5	23	17	M16 x 1.5
63		90	27	12	36	15	M16 x 1.5	23	17	M16 x 1.5
80		102	32	13	40	17	M20 x 1.5	28	22	M20 x 1.5
100		102	32	13	40	17	M20 x 1.5	28	22	M20 x 1.5
125		120	37	15	48	20	M27 x 2.0	35	26	M27 x 2.0
160		-	-	-	-	-	-	-	-	-
200		-	-	-	-	-	-	-	-	-
250		-	-	-	-	-	-	-	-	-

Unit: mm

Rod end



Dimension

Bore size	Mark	PA	PB	PE	PF	PG	PH	PI
32		10	14	28	43	57	M10 x 1.25	20
40		12	16	32	50	66	M12 x 1.25	22
50		16	21	42	64	85	M16 x 1.5	28
63		16	21	42	64	85	M16 x 1.5	28
80		20	25	50	77	102	M20 x 1.5	33
100		20	25	50	77	102	M20 x 1.5	33
125		28	35	66	103	136	M27 x 2.0	51
160		35	43	81	125	165.5	M36 x 2.0	56
200		35	43	81	125	165.5	M36 x 2.0	56
250		40	49	91	142	187.5	M42 x 2.0	60

Unit: mm