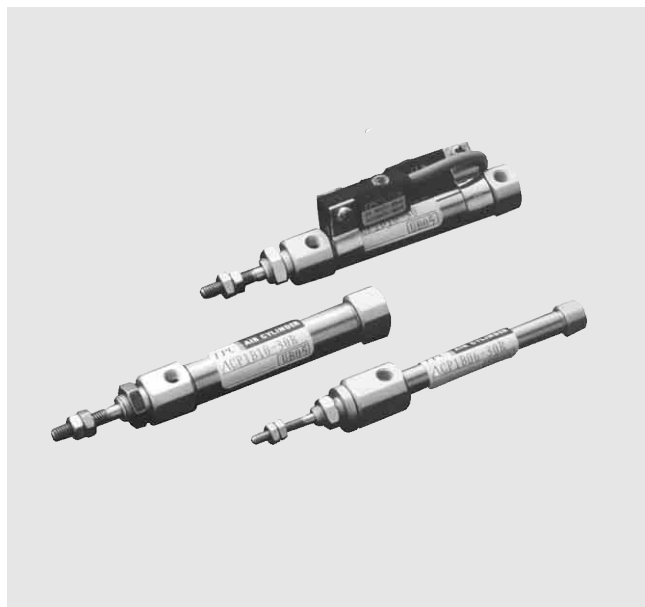


Series **ACP**

Standard Type/Double Acting : Single Rod

Bore Size(mm) : $\phi 6$, $\phi 10$, $\phi 16$



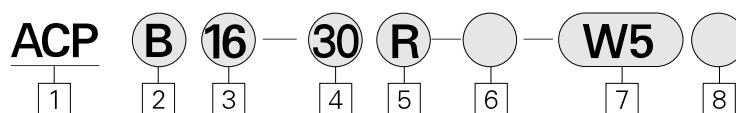
- STAINLESS STEEL BODY
- HIGH CYCLE LIFE
- LOW BREAKAWAY
- BUMPERS STANDARD
- BUILT IN MAGNET
- COMPACT LIGHT DESIGN
- MANUFACTURING CERTIFIED TO ISO9001/ 9002 STANDARDS

Symbol

Double Acting/Single Rod



How to Order



1 Air cylinder

Built-in magnet, Rubber cushions are Standard

2 Mounting

B : Standard type
L : Axial foot type
F : Rod side flange type
D : Double clevis type
(Except for $\phi 6$)

3 Bore Size(mm)

6 : $\phi 6$
10 : $\phi 10$
16 : $\phi 16$

4 Stroke(mm)

※ For Stroke Refer to Page A-4

5 Port Location on Head Cover

Symbol \ Bore size	$\phi 6$	$\phi 10, \phi 16$
R	-	in-line
Blank	in-line	Rear Port

6 Special Options

Blank : Standard
XC16 : Copper-free

7 Applicable Auto Switch

(Band mounted type)
Blank : without Switch
W5 : Reed Switch(Lead wire of 0.5m)
W5L : Reed Switch(Lead wire of 3m)

8 Number of Switches

Blank : 2 pcs.
S : 1 pc.
N : (n) pcs.

PART No. of Mounting Bracket

Mounting bracket	Bore Size(mm)		
	$\phi 6$	$\phi 10$	$\phi 16$
Foot	TC1P006-19	TC1P010-19	TC1P016-19
Flange	TC1P006-20	TC1P010-20	TC1P016-20

PART No. of Auto Switch Mounting Band

Bore size	PART No. of Auto Switch Mounting Band	Note
$\phi 6$	TC1P-006	Common use to all of W5 types
$\phi 10$	TC1P-010	
$\phi 16$	TC1P-016	

Standard Type/Single Acting : Single Rod/Series ACPs

ACP

AX

AS

AM

AM2

AL
ALX

ARD

AJ

AQ

AG

AGX
GX

ADM

ADR

AMR

AST

NLCD

Specifications

Action	Double Acting Single Rod	
Fluid	Air	
Proof Pressure	10.5kgf/cm ² (1.05MPa)	
Max. Operating Pressure	7.0kgf/cm ² (0.70MPa)	
Min. Operating Pressure	ø 6	1.2kgf/cm ² (0.12MPa)
	ø 10, ø 16	0.6kgf/cm ² (0.06MPa)
Ambient and Fluid Temperature	5~60℃	
Cushion	Rubber Cushion (Standard)	
Lubrication	None (Non-Lube)	
Piston Speed	50~750 mm/sec	

Auto Switch Specification

Mounting	Bore Size	Reed Switch
		Grommet
Band Mounted Type	ø 6, ø 10, ø 16	W5 Type

Standard stroke

Bore size	Standard Stroke (mm)
ø 6	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 75, 100
ø 10	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 75, 100, 125, 150
ø 16	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 75, 100, 125, 150, 175, 200

Mounting and Accessories

	Mounting	Basic type	Axial foot type	Rod side flange type	Double clevis type
Standard	Mounting nut	●	●	●	—
	Rod end nut	●	●	●	●
	Clevis pin	—	—	—	●
Option	Single knuckle joint	●	—	●	●
	Double knuckle joint(with pin)	●	●	●	●
	T mounting	—	—	—	●

Port Location On Head Cover

Perpendicular to the cylinder axis or in-line with the cylinder axis locations are available for basic type.

(ø 6 is not available in perpendicular type)

In-line

Angle 90°



Weight Table

gf

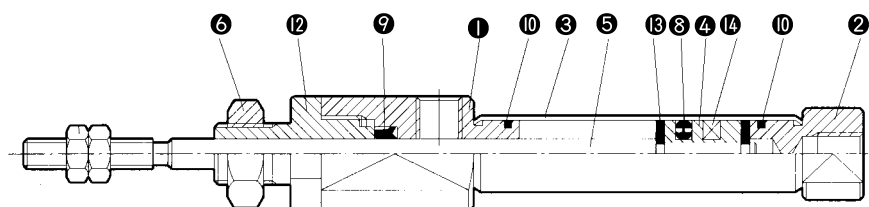
Bore size(mm)	ø 6	ø 10	ø 16
※ Basic Weight	15	24	55
Additional Weight for each 15mm of stroke	2	4	6.5
Mounting bracket Weight	Foot type	7	7
	Rod side flange type	5	5
	※ ※ Double clevis type(with pin)	—	2
		8	

※ Including the weights of mounting nut and rod end nut in the reference weight.

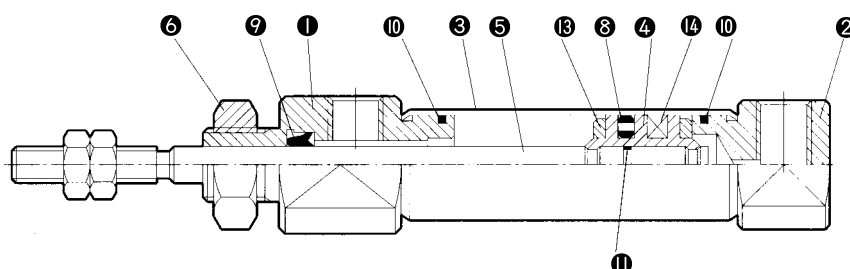
※ ※ Double clevis type is not included with mounting nut.

Construction/Parts List

ACPB 6



ACPB 10, 16



Parts List

No.	Description	Material	Note
①	Rod cover	Aluminum Alloy	White Alumite
②	Head cover	Aluminum Alloy	White Alumite
③	Cylinder tube	Stainless Steel	-
④	Piston	Brass	-
⑤	Piston rod	Stainless Steel	-
⑥	Mounting nut	Brass	Nickel Plated
⑧	Piston packing	NBR	-

No.	Description	Material	Note
⑨	Rod Packing	NBR	-
⑩	Tube Gasket	NBR	-
⑪	Piston Gasket	NBR	-
⑫	Packing Retainer	Aluminum Alloy	White Alumite
⑬	Bumper	Urethane	-
⑭	Magnet	-	-

Standard Type (ACPB)

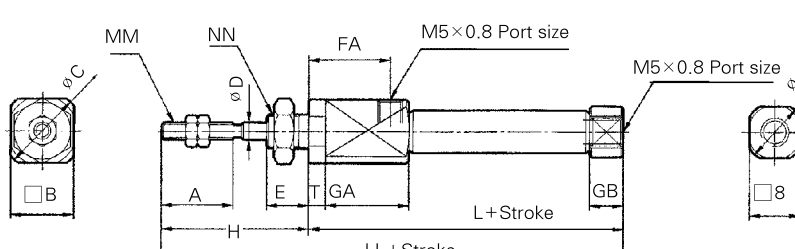
ACPB

Bore size

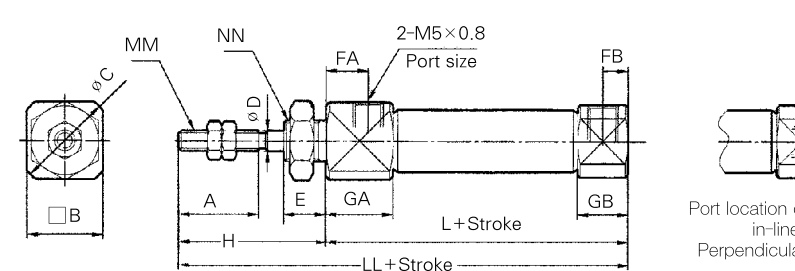
Stroke

Port Location on Head Cover

ACPB 6



ACPB 10, 16



Port location on head cover:
in-line : ACP 6
Perpendicular: ACP 10, 16

(mm)

Bore size	A	B	C	D	E	FA	FB	H	MM	GA	GB	NN	L	T	LL
ø 6	15	12	14	3	8	14.5	-	28	M3×0.5	16	7	M6×1.0	49	3	77
ø 10	15	12	14	4	8	8	5	28	M4×0.7	12.5	9.5	M8×1.0	45	-	73
ø 16	15	18	20	5	8	8	5	28	M5×0.8	12.5	9.5	M10×1.0	45	-	73

Axial Foot (ACPL)

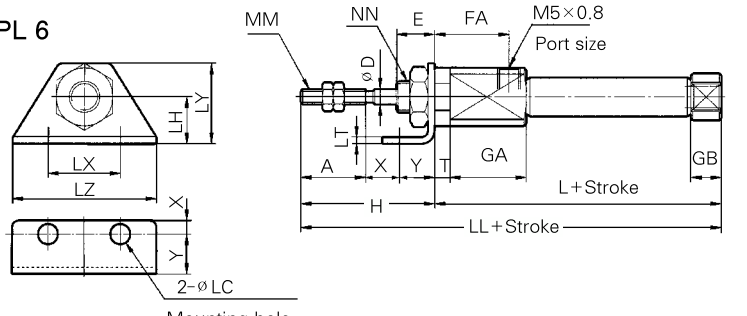
ACPL

Bore size

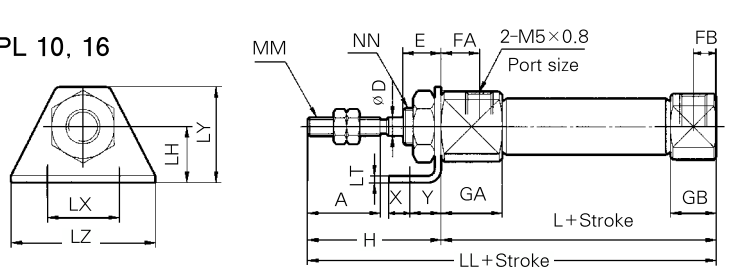
Stroke

Port Location on Head Cover

ACPL 6



ACPL 10, 16

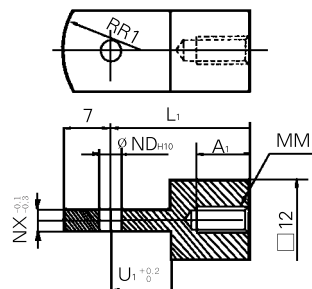


Port location on head cover:
in-line : ACPL 6
Perpendicular: ACPL 10, 16

(mm)

Bore size	A	B	C	D	E	FA	FB	H	LC	LH	LT	LX	LY	LZ	MM	GA	GB	NN	L	T	X	Y	LL
ø 6	15	12	14	3	8	14.5	-	28	4.5	9	1.6	24	16.5	32	M3×0.5	16	7	M6×1.0	49	3	5	7	77
ø 10	15	12	14	4	8	8	5	28	4.5	9	1.6	24	16.5	32	M4×0.7	12.5	9.5	M8×1.0	45	-	5	7	73
ø 16	15	18	20	5	8	8	5	28	5.5	14	2.3	33	25	42	M5×0.8	12.5	9.5	M10×1.0	45	-	6	9	73

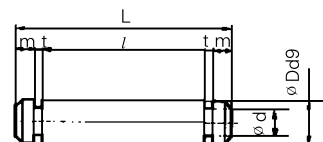
Single Knuckle Joint



Material: Rolled steel

PART No	Bore	A ₁	L ₁	MM	ND ^{H10}	NX	R ₁	U ₁
TC1P 010-17	ø 10	8	21	M4×0.7	3.3 ^{+0.048} ₀	3.1	8	9
TC1P 016-17	ø 16	8	25	M5×0.8	5 ^{+0.048} ₀	6.4	12	14

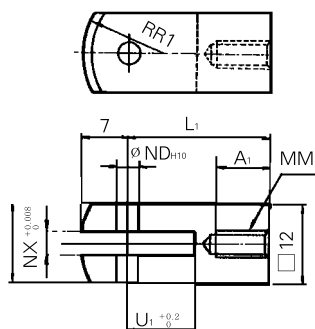
Knuckle Pin



Material: Stainless steel

PART No	Bore	D ^{d9}	d	L	l	m	t	Clib
TC1P 010-23B	ø 10	3.3 ^{-0.030} _{-0.060}	3	16.2	12.2	1.7	0.3	CType 3.2
TC1P 016-23B	ø 16	5 ^{-0.030} _{-0.060}	4.8	16.6	12.2	1.5	0.7	CType 5

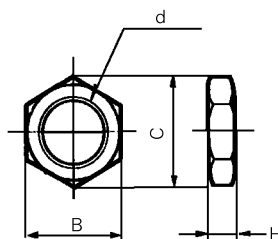
Double Knuckle Joint



Material: Rolled steel

PART No	Bore	A ₁	L ₁	MM	ND ^{H10}	NX	U ₁	R ₁
TC1P 010-18	ø 10	8	21	M4×0.7	3.3 ^{+0.048} ₀	3.2	10	8
TC1P 016-18	ø 16	11	21	M5×0.8	5 ^{+0.048} ₀	6.5	10	12

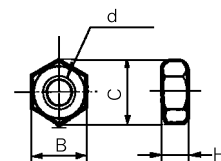
Mounting Nut



Material: Brass

PART No	Bore	B	C	d	H
TC1P 006-13A	ø 6	8	9.2	M6×1.0	4
TC1P 010-13A	ø 10	11	12.7	M8×1.0	4
TC1P 016-13A	ø 16	14	16.2	M10×1.0	4

Rod End Nut



Material: Steel

Bore	B	C	d	H
ø 6	5.5	6.4	M3×0.5	2.4
ø 10	7	8.1	M4×0.7	3.2
ø 16	8	9.2	M5×0.8	4

Series **ACPW**

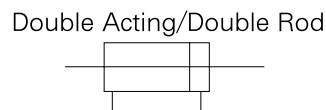
Standard Type/Double Acting : Double Rod

Bore Size : $\varnothing 6$, $\varnothing 10$, $\varnothing 16$

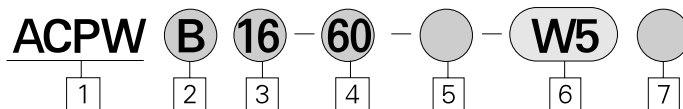


- STAINLESS STEEL BODY FOR HIGH CYCLE LIFE & LOW BREAKAWAY
- EASY MOUNTING
- BUMPERS STANDARD
- BUILT-IN MAGNET
- LIGHT COMPACT DESIGN
- MANUFACTURING CERTIFIED TO ISO 9001/9002 STANDARDS

Symbol



How to Order



1 Air Cylinder

Built-in magnet, Rubber cushions are Standard

2 Mounting

B : Standard type
L : Axial foot type
F : Rod side flange type

3 Bore Size

6 : $\varnothing 6$
10 : $\varnothing 10$
16 : $\varnothing 16$

4 Stroke/(mm)

※ For Stroke Refer to Page A-10

5 Special Option

Blank : Standard
XC16 : Copper-free

6 Applicable Auto Switch

(Band mounted type)
Blank : without Switch
W5 : Reed Switch(Lead wire of 0.5m)
W5L : Reed Switch(Lead wire of 3m)

7 Number of switches

Blank : 2 pcs.
S : 1 pc.
N : (n) pcs.

ACP

AX

AS

AM

AM2

AL
ALX

ARD

AJ

AQ

AG

AGX
GX

ADM

ADR

AMR

AST

NLCD

PART No. of Mounting Bracket

Mounting Bracket	Bore size(mm)		
	ø 6	ø 10	ø 16
Foot	TC1P006-19	TC1P010-19	TC1P016-19
Flange	TC1P006-20	TC1P010-20	TC1P016-20

PART No. of Auto Switch Mounting Band

Bore Size	PART No. of Auto Switch Mounting Band	Note
ø 6	TC1P-006	Common use to all of W5□ types
ø 10	TC1P-010	
ø 16	TC1P-016	

Standard Type/Double Acting : Double Rod/Series ACPW

Specifications

Action	Double Acting Double Rod	
Fluid	Air	
Proof Pressure	10.5kgf/cm ² (1.05MPa)	
Max. Operating Pressure	7.0kgf/cm ² (0.7MPa)	
Min. Operating Pressure	ø 6	1.2kgf/cm ² (0.12MPa)
	ø 10, ø 16	0.6kgf/cm ² (0.06MPa)
Ambient and fluid temperature	40~140 ° F (5 ~ 60℃)	
Cushion	Rubber cushion (Standard)	
Lubrication	None (Non-Lube)	
Piston Speed	50~750 mm/sec	

Auto Switch Specifications

Mounting	Bore Size	Reed switch
		Grommet
Band mounted type	ø 6, ø 10, ø 16	W5 type

Mounting and Accessories

Mounting		Basic type	Foot type	Flange type
Standard	Mounting nut	●	●	●
	Rod end Nut	●	●	●
Option	Single knuckle joint	●	●	●
	Double knuckle joint(with pin)	●	●	●

Weight table

(gf)

Bore Size (mm)		ø 6	ø 10	ø 16
※Basic Weight		27	35	70
Additional weight for each 15 of stroke		3	6	9
Mounting	Foot type	14	14	38
	Flange type	5	5	13

※ Including the weights of mounting nut and rod end nut in the reference weight.

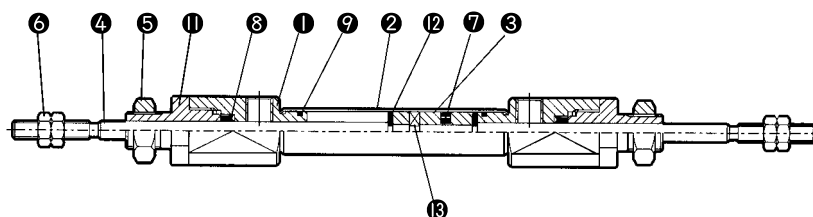
※ Double clevis type is not included with mounting nut.

Standard stroke

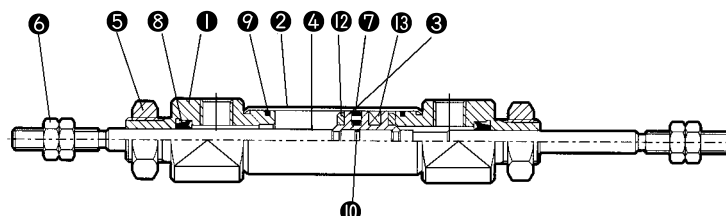
Bore size(mm)	Standard stroke(mm)
ø 6	10, 15, 20, 25, 30,
	35, 40, 45, 50, 60
ø 10	10, 15, 20, 25, 30, 35,
ø 16	40, 45, 50, 60, 75, 100

Construction/Parts List

ACPWB 6



ACPWB 10, 16



Parts List

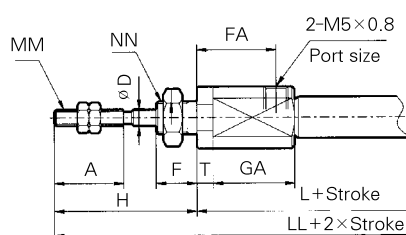
No.	Description	Material	Note
①	Rod Cover	Aluminum Alloy	White Alumite
②	Cylinder Tube	Stainless Steel	
③	Piston	Brass	
④	Piston Rod	Stainless Steel	
⑤	Mounting Nut	Brass	Nickel Plated
⑥	Rod end Nut	Rolled Steel	Nickel Plated
⑦	Piston Packing	NBR	

No.	Description	Material	Note
⑧	Rod packing	NBR	
⑨	Tube gasket	NBR	
⑩	Piston gasket	NBR	
⑪	Packing retainer	Aluminum alloy	
⑫	Bumper	Urethane	
⑬	Magnet	-	

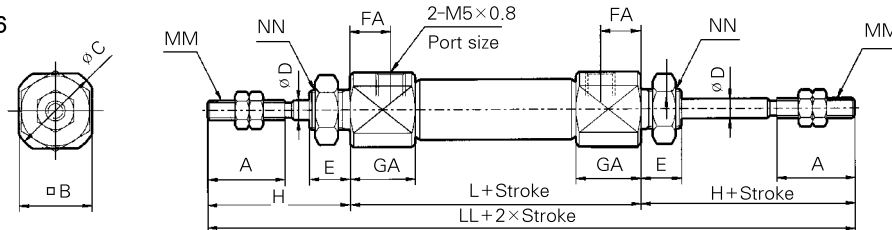
Standard Type (ACPWB)

ACPWB **Bore size** **Stroke**

ACPWB6
Rod Cover



ACPWB10,16



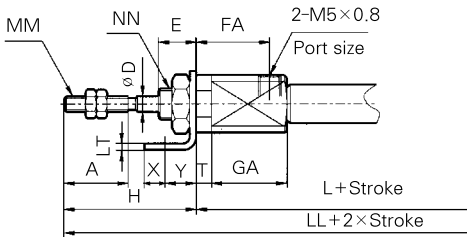
(mm)

Bore size	A	B	C	D	E	FA	H	MM	GA	NN	L	T	LL
ø 6	15	12	14	3	8	14.5	28	M3×0.5	16	M6×1.0	68.5	3	124.5
ø 10	15	12	14	4	8	8	28	M4×0.7	12.5	M8×1.0	48	-	104
ø 16	15	8	20	5	8	8	28	M5×0.8	12.5	M10×1.0	48	-	104

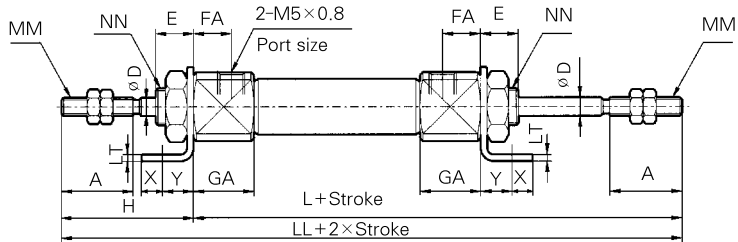
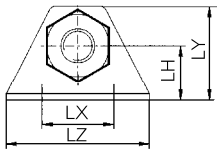
FooT type (ACPWL)

ACPWL Bore size Stroke

ACPWL6
Rod Cover



ACPWL10,16

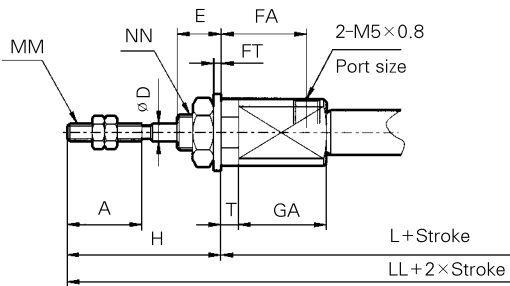


Mounting hole (mm)																			
Bore size	A	D	E	FA	H	LC	LH	LT	LX	LY	LZ	MM	GA	NN	L	T	X	Y	LL
Ø 6	15	3	8	14.5	28	4.5	9	1.6	24	16.5	32	M3×0.5	16	M6×1.0	68.5	3	5	7	124.5
Ø 10	15	4	8	8	28	4.5	9	1.6	24	16.5	32	M4×0.7	12.5	M8×1.0	48	-	5	7	104
Ø 16	15	5	8	8	28	5.5	14	2.3	33	25	42	M5×0.8	12.5	M10×1.0	48	-	6	9	104

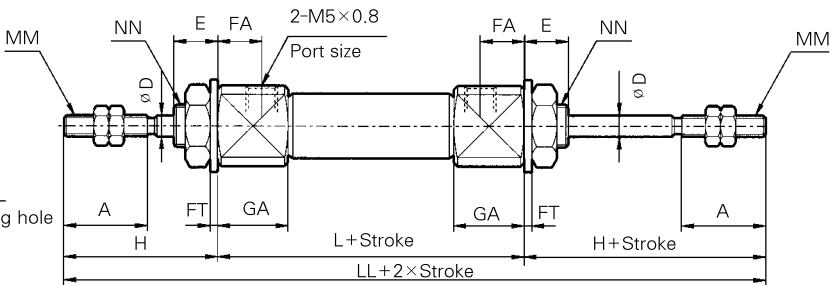
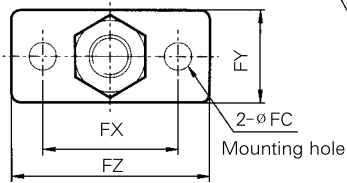
Flange Type (ACPWF)

ACPWF Bore size Stroke

ACPWF 6
Rod Cover



ACPWF10,16



(mm)																
Bore size	A	D	E	FC	FT	FX	FY	FZ	FA	H	MM	GA	NN	L	T	LL
ø 6	15	3	8	4.5	1.6	24	14	32	14.5	28	M3×0.5	16	M6×1.0	68.5	3	124.5
ø 10	15	4	8	4.5	1.6	24	14	32	8	28	M4×0.7	12.5	M8×1.0	48	-	104
ø 16	15	5	8	5.5	2.3	33	20	42	8	28	M5×0.8	12.5	M10×1.0	48	-	104

Series ACPS

Standard Type/Single Acting Spring Return, Spring Extended

Bore Size : $\phi 6$, $\phi 10$, $\phi 16$



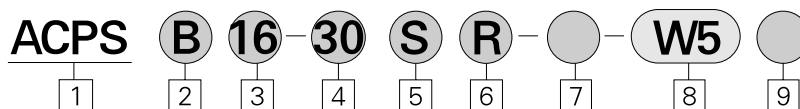
- STAINLESS STEEL BODY
- HIGH CYCLE LIFE
- BUILT - IN MAGNET
- COMPACT LIGHT DESIGN
- MANUFACTURING CERTIFIED TO ISO 9001&9002

Symbol

Single Acting/Single Rod



How to Order



1 Air Cylinder

Built-in magnet, Rubber cushions are Standard

2 Mounting

B : Standard type
L : Axial foot type
F : Rod side flange type
D : Double clevis type
(Except for $\phi 6$)

3 Bore Size(mm)

6 : $\phi 6$
10 : $\phi 10$
16 : $\phi 16$

4 Stroke (mm)

※ For Stroke Refer to Page A-14

5 Action

S : Single acting spring return
T : Single acting spring extended

6 Port Location on Head Cover

Symbol \ Bore size	$\phi 6$	$\phi 10, \phi 16$
R	-	in-line
Blank	in-line	Rear port

※ "R" TYPE $\phi 6$ Standard

7 Special Options

Blank : Standard
XC16 : Copper-free

8 Applicable Auto Switch

(Band mounted type)
Blank : without Switch
W5 : Reed Switch(Lead wire of 0.5m)
W5L : Reed Switch(Lead wire of 3m)

9 Number of Switches

Blank : 2 pcs.
S : 1 pc
N : (n) pcs.

ACP

AX

AS

AM

AM2

AL
ALX

ARD

AJ

AQ

AG

AGX
GX

ADM

ADR

AMR

AST

NLCD

PART No. of Mounting Bracket

Mounting bracket	Bore size		
	ø 6	ø 10	ø 16
Foot	TC1P006-19	TC1P010-19	TC1P016-19
Flange	TC1P006-20	TC1P010-20	TC1P016-20

PART No. of Auto Switch Mounting Band

Bore size	PART No. of auto switch mounting band	Note
ø 6	TC1P-006	Common use to all of W5 types
ø 10	TC1P-010	
ø 16	TC1P-016	

Standard Type/Single Acting : Single Rod/Series ACPS

Specifications

Action	Spring Return	Spring Extended
Fluid	Air	
Proof Pressure	10.5kgf/cm ² (1.05MPa)	
Max. Operating pressure	7.0kgf/cm ² (0.7MPa)	
Min. Operating pressure	ø 6	2.0kgf/cm ² (0.2MPa)
	ø 10, ø 16	1.5kgf/cm ² (0.15MPa)
Ambient and fluid temperature	40~140 ° F (5~60℃)	
Cushion	Rubber cushion (Standard)	
Lubrication	None (Non-Lube)	
Piston speed	50~750 mm/sec, (2~29.5 in/sec)	

Auto Switch Specifications

Mounting	Bore Size	Reed switch
		Grommet
Band mounted type	ø 6, ø 10, ø 16	W5 type

Standard stroke (mm)

Bore Size	Standard stroke
ø 6	15, 30, 45, 60
ø 10	15, 30, 45, 60
ø 16	15, 30, 45, 60

Spring Retracting Force (kgf)

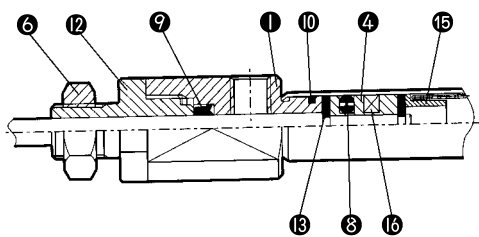
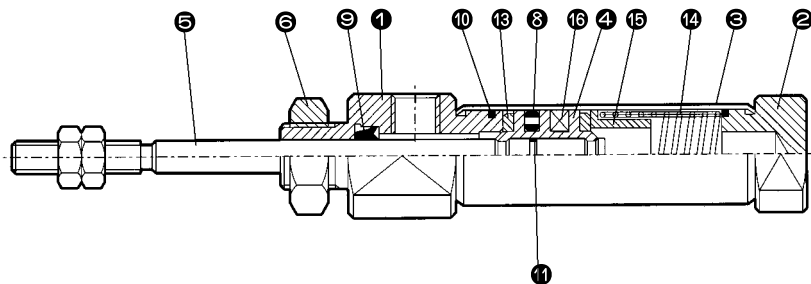
Bore Size	Extended position	Retracted position
ø 6	0.38	0.18
ø 10	0.70	0.36
ø 16	1.45	0.70

Mounting and Accessories

Mounting		Basic type	Axial foot type	Rod side flange type	Double clevis type
Standard	Mounting nut	●	●	●	-
	Rod end nut	●	●	●	●
	Clevis pin	-	-	-	●
Option	Single knuckle joint	●	●	●	●
	Double knuckle joint(with pin)	●	●	●	●
	T Mounting	-	-	-	●

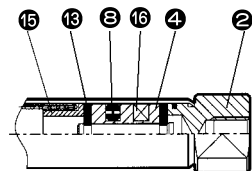
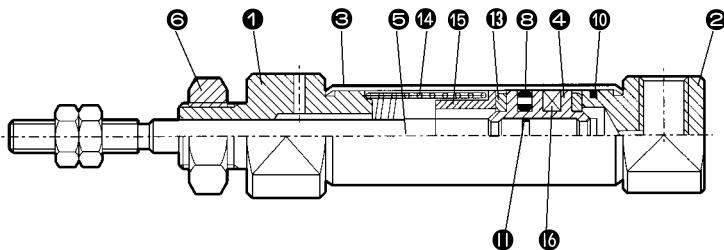
Construction/Parts List

Single Acting/Spring Extended
ACPS□□ - □T



ACPS6 Rod Cover, Piston

Single Acting/Spring Return
ACPS□□ - □S



ACPS6 Head cover, Piston

Parts List

No.	Description	Material	Note
①	Rod Cover	Aluminum Alloy	White Alumite
②	Head Cover	Aluminum Alloy	White Alumite
③	Cylinder Tube	Stainless Steel	-
④	Piston	Brass	-
⑤	Piston Rod	Stainless Steel	-
⑥	Mounting Nut	Brass	Nickel Plated
⑧	Piston Packing	NBR	-

Standard Type/Single Acting : Single Rod/Series UACPSB

No.	Description	Material	Note
⑨	Rod packing	NBR	-
⑩	Tube gasket	NBR	-
⑪	Piston gasket	NBR	-
⑫	Packing retainer	Aluminum Alloy	White Alumite
⑬	Bumper	Urethane	-
⑭	Return spring	Piano Wire	-
⑮	Spring seat	Brass	-
⑯	Magnet	-	-

ACP

AX

AS

AM

AM2

AL
ALX

ARD

AJ

AQ

AG

AGX
GX

ADM

ADR

AMR

AST

NLCD

Spring Return/Standard Type(ACPSB)

ACPSB Bore Size Stroke S Port Location on Head Cover

Port location on Head cover
in-line : ACPSB6
Perpendicular : ACPSB10, 16

Bore size	A	B	C	D	E	FB	H	MM	GA	GB	NN	L				LL			
												5~15ST	16~30ST	31~45ST	46~60ST	5~15ST	16~30ST	31~45ST	46~60ST
ø6	15	8	9	3	8	-	28	M3×0.5	3	7	M6×1.0	39.5	48.5	52.5	66.5	67.5	76.5	80.5	94.5
ø10	15	12	14	4	8	5	28	M4×0.7	5.5	9.5	M8×1.0	46.5	54	66	78	74.5	82	94	106
ø16	15	18	20	5	8	5	28	M5×0.8	5.5	9.5	M10×1.0	46	54.5	66.5	78.5	74	82.5	94.5	106.5

Spring Return/Axial Foot Type(ACPSL)

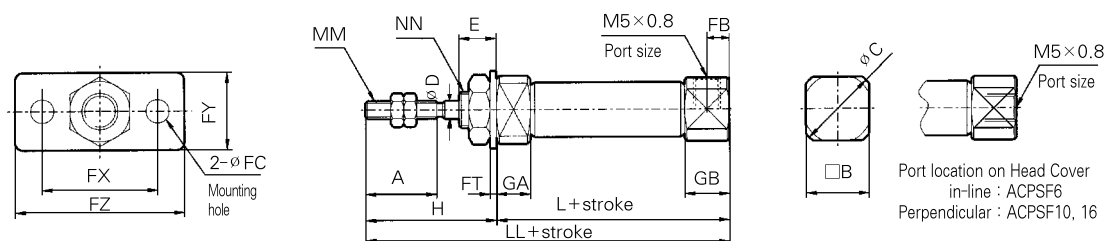
ACPSL Bore Size Stroke S Port Location on Head Cover

Port location on Head Cover
in-line : ACPSL6
Perpendicular : ACPSL10, 16

Bore size	A	B	C	D	E	FB	H	LC	LH	LT	LX	LY	LZ	MM	GA	GB	NN	X	Y	L				LL			
																				5~15ST	16~30ST	31~45ST	46~60ST	5~15ST	16~30ST	31~45ST	46~60ST
ø6	15	8	9	3	8	-	28	4.5	9	1.6	24	16.5	32	M3×0.5	3	7	M6×1.0	5	7	39.5	48.5	52.5	66.5	67.5	76.5	80.5	94.5
ø10	15	12	14	4	8	5	28	4.5	9	1.6	24	16.5	32	M4×0.7	5.5	9.5	M8×1.0	5	7	46.5	54	66	78	74.5	82	94	106
ø16	15	18	20	5	8	5	28	5.5	14	2.3	33	25	42	M5×0.8	5.5	9.5	M10×1.0	6	9	46	54.5	66.5	78.5	74	82.5	94.5	106.5

Spring Return/Rod side Flange Type(ACPSF)

ACPSF Bore Size Stroke S Port location on head cover

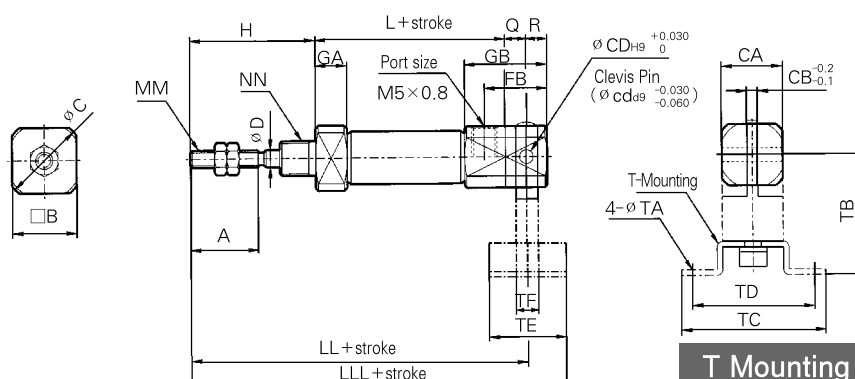


(mm)

Bore size	A	B	C	D	E	FC	FT	FX	FY	FZ	FB	H	MM	GA	GB	NN	L				LL			
																	5~15ST	16~30ST	31~45ST	46~60ST	5~15ST	16~30ST	31~45ST	46~60ST
ø6	15	8	9	3	8	4.5	1.6	24	14	32	-	28	M3×0.5	3	7	M6×1.0	39.5	48.5	52.5	66.5	67.5	76.5	80.5	94.5
ø10	15	12	14	4	8	4.5	1.6	24	14	32	5	28	M4×0.7	5.5	9.5	M8×1.0	46.5	54	66	78	74.5	82	94	106
ø16	15	18	20	5	8	5.5	2.3	33	20	42	5	28	M5×0.8	5.5	9.5	M10×1.0	46	54.5	66.5	78.5	74	82.5	94.5	106.5

Spring Return/Double Clevis Type(ACPSD)

ACPSD Bore Size Stroke S Port location on head cover



T Mounting

(mm)

Bore size	TA	TB	TC	TD	TE	TF
ø10	4.5	29	40	32	22	12
ø16	5.5	35	48	38	28	16

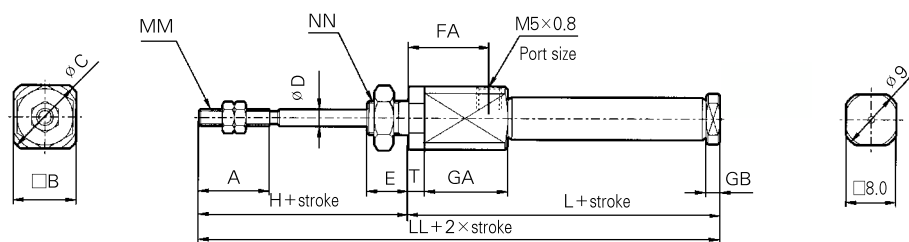
(mm)

Bore size	A	B	C	CA	CB	CD (cd)	D	FB	GA	GB	H	MM	Q	R	L				LL				LLL			
															5~15ST	16~30ST	31~45ST	46~60ST	5~15ST	16~30ST	31~45ST	46~60ST	5~15ST	16~30ST	31~45ST	46~60ST
ø10	15	12	14	12	3.2	3.3	4	18	5.5	22.5	28	M4×0.7	8	5	46.5	54	66	78	82.5	90	102	114	93.5	101	113	125
ø16	15	18	20	18	6.5	5	5	23	5.5	27.5	28	M5×0.8	10	8	46	54.5	66.5	78.5	84	92.5	104.5	116.5	98	106.5	118.5	130.5

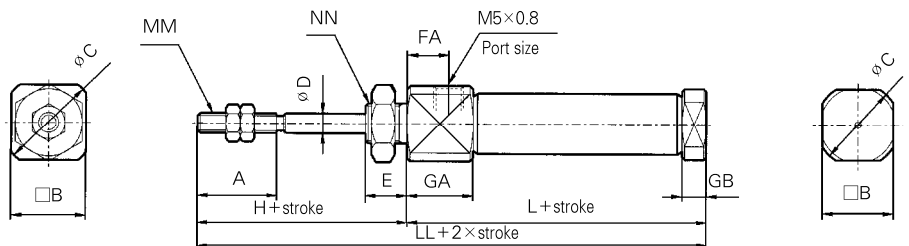
Spring Extended/Standard Type (ACPSB)

ACPSB Bore size Stroke T

ACPSB6 - □T



ACPSB 10 - □T
16



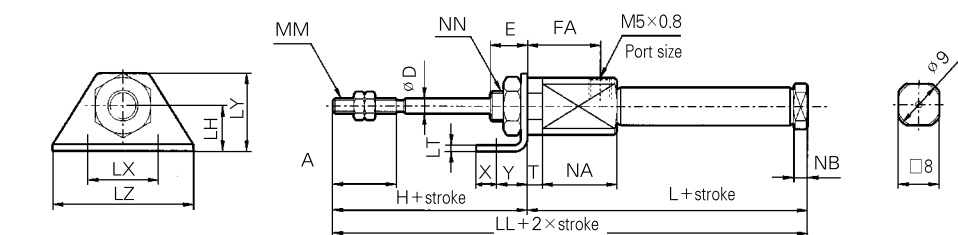
(mm)

Bore size	A	B	C	D	E	FA	H	MM	GA	GB	NDh8	T	NN	L				LL			
														5~15ST	16~30ST	31~45ST	46~60ST	5~15ST	16~30ST	31~45ST	46~60ST
Ø6	15	12	14	3	8	14.5	28	M3×0.5	16	3	6 ⁰ _{-0.018}	3	M6×1.0	51.5	60.5	64.5	78.5	79.5	88.5	92.5	106.5
Ø10	15	12	14	4	8	5	28	M4×0.7	12.5	5.5	8 ⁰ _{-0.022}	-	M8×1.0	49.5	57	69	81	77.5	85	97	109
Ø16	15	18	20	5	8	5	28	M5×0.8	12.5	5.5	10 ⁰ _{-0.022}	-	M10×1.0	49	57.5	69.5	81.5	77	85.5	97.5	109.5

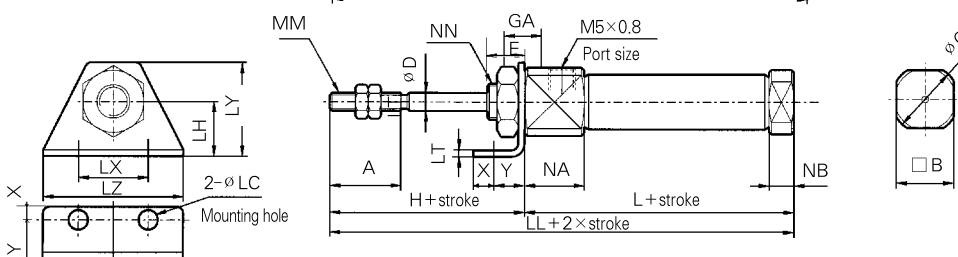
Spring Extended/Axial Foot Type (ACPSL)

ACPSL Bore size Stroke T

ACPSL6 - □T



ACPSB 10 - □T
16

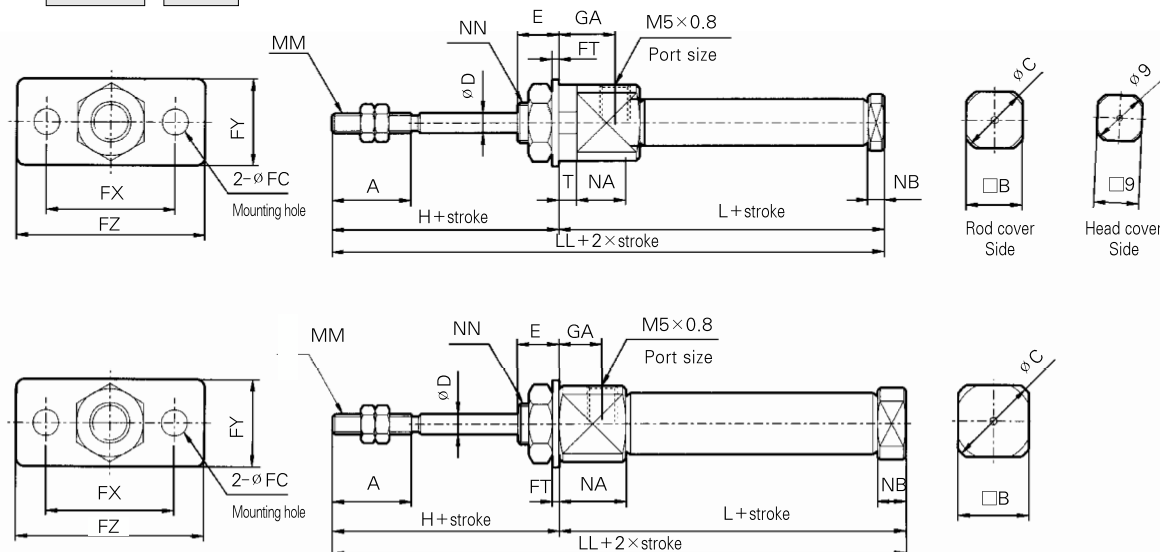


(mm)

Bore size	A	B	C	D	E	GA	H	LC	LH	LT	LX	LY	LZ	MM	NA	NB	T	X	Y	NN	L				LL			
																					5~15ST	16~30ST	31~45ST	46~60ST	5~15ST	16~30ST	31~45ST	46~60ST
Ø6	15	12	14	3	8	14.5	28	4.5	9	1.6	24	16.5	32	M3×0.5	16	3	3	5	7	M6×1.0	51.5	60.5	64.5	78.5	79.5	88.5	92.5	106.5
Ø10	15	12	14	4	8	8	28	4.5	9	1.6	24	16.5	32	M4×0.7	12.5	5.5	-	5	7	M8×1.0	49.5	57	69	81	77.5	85	97	109
Ø16	15	18	20	5	8	8	28	5.5	14	2.3	33	25	42	M5×0.8	12.5	5.5	-	6	9	M10×1.0	49	57.5	69.5	81.5	77	85.5	97.5	109.5

Spring Extended/Rod Side Flange Type (ACPSF)

ACPSF Bore Size Stroke T

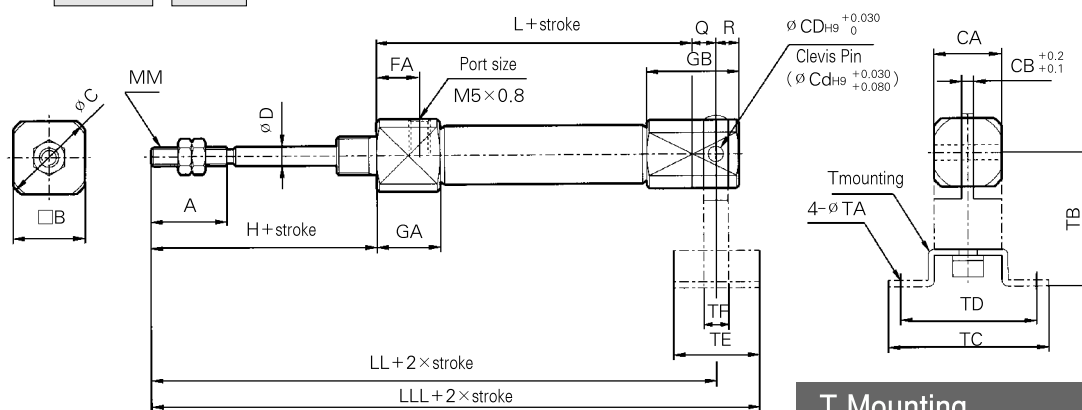


(mm)

Bore size	A	B	C	D	E	FC	FT	FX	FY	FZ	GA	H	MM	NA	NB	T	NN	L				LL			
																		5~15ST	16~30ST	31~45ST	46~60ST	5~15ST	16~30ST	31~45ST	46~60ST
ø6	15	12	14	3	8	4.5	1.6	24	14	32	14.5	28	M3×0.5	16	3	3	M6×1.0	51.5	60.5	64.5	78.5	79.5	88.5	92.5	106.5
ø10	15	12	14	4	8	4.5	1.6	24	14	32	8	28	M4×0.7	12.5	5.5	-	M8×1.0	49.5	57	69	81	77.5	85	97	109
ø16	15	18	20	5	8	5.5	2.3	33	20	42	8	28	M5×0.8	12.5	5.5	-	M10×1.0	49	57.5	69.5	81.5	77	85.5	97.5	109.5

Spring Extended/Double Clevis Type (ACPSD)

ACPSD Bore Size Stroke T



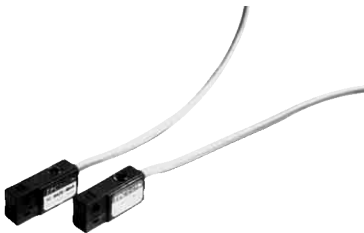
T Mounting

Bore size	TA	TB	TC	TD	TE	TF
ø10	4.5	29	40	32	22	12
ø16	5.5	35	48	38	28	16

(mm)

Bore size	A	B	C	CA	CB	CD (cd)	D	FB	GA	GB	H	MM	Q	R	L				LL				LLL			
															5~15ST	16~30ST	31~45ST	46~60ST	5~15ST	16~30ST	31~45ST	46~60ST	5~15ST	16~30ST	31~45ST	46~60ST
ø10	15	12	14	12	3.2	3.3	4	8	12.5	22.5	28	M4×0.7	8	5	53.5	61	73	85	89.5	97	109	121	100.5	108	120	132
ø16	15	18	20	18	6.5	5	5	8	12.5	27.5	28	M5×0.8	10	8	53	61.5	73.5	85.5	91	99.5	111.5	123.5	105	113.5	125.5	137.5

Reed Switch Type/Band Mounted Type Series W5



Specifications W5 Type(With indicator lamp)

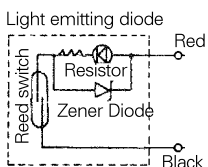
Auto Switch Model	W5	
Application	Relay, Sequence Control	
Load Voltage	DC24V	AC110V
Max. Load Current/Range of Load Current	5~40mA	5~20mA
Protection Circuit for Contact Breaker Point	None	
Internal Voltage Drop	2.4V or less	
Indicator Lamp	ON:Red light emitting diode	

- Leakage Current — None
- Response Time — 1.2ms
- Lead Wire — Oil proof vinyl, $\varnothing 3.4$ 0.2mm², 2 Wire(red, black), 0.5m(18in)
- Impact Resistance— 30G
- Insulation Resistance — 50M Ω or more under the test voltage 500VDC (Between case and cable)
- Withstand Voltage — 1500VAC 1min (between case and cable)
- Ambient Temperature — -10~60℃
- Protection Structure — IEC spec IP67, Water-proof(JISCO920), oil-proof.

※ If 3m lead wire is required, L is put at the end of numbers.

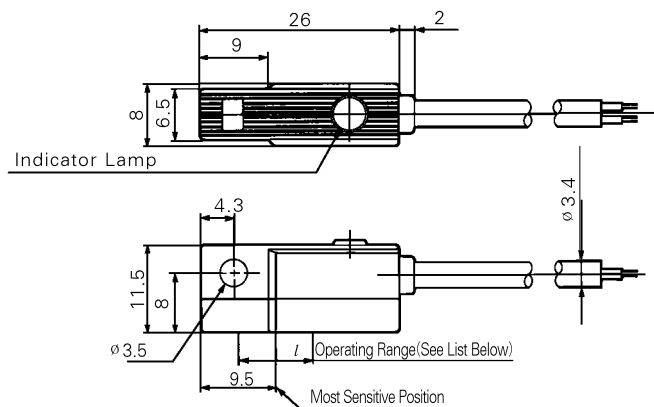
Example : W5L

Auto Switch/Internal Circuit



Auto Switch Dimensions

(mm)



Operating Range(l Dimension)

(mm)

Series	Bore size		
	$\varnothing 6$	$\varnothing 10$	$\varnothing 16$
ACP	6	7	7