

Through Rod Double Tubes Cylinder

($\phi 6 - \phi 32$)

Bigger allowable load range
Double shaft the output force
Higher not-rotating precision
With adjustable setting 0-10mm



Standard Specification

Bore(mm)	6	10	15	20	25	32
Applicable medium	Air					
Action	Double acting					
Proof pressure MPa[kgf/cm2]	1.05{10.7}					
Max pressure MPa[kgf/cm2]	0.7{7.1}					
Min pressure MPa[kgf/cm2]	0.15{1.5}			0.1{1.0}		
Environment and fluid temperature	-10 ~ 60°C(No Freeze)					
Cushion	Rubber cushion on both end					
Construction	Double —shaft					
*Lubrication	Not required					
Stroke adjustable rang	Pull Stroke0 ~ -10mm					
Bearing	Slide bearing/Ball bushing bearing					
Pipe SizeRC(PT)	M4×0.8			Rc(PT) 1/8		

*ISOVG32, if required lubrication

Chosen Type

Magnetic Type: CXSW

Bearing type
M-Slide bearing
L-Ball guide bearing

Bore
6- $\phi 6$ mm
10- $\phi 10$ mm
15- $\phi 15$ mm
20- $\phi 20$ mm
25- $\phi 25$ mm
32- $\phi 32$ mm

Stroke

Long stroke

No Mark - Standard Stroke
XB11-Long Stroke

If order the long stroke cylinder please add-XB11 code in rear, also check the right table

Order Example

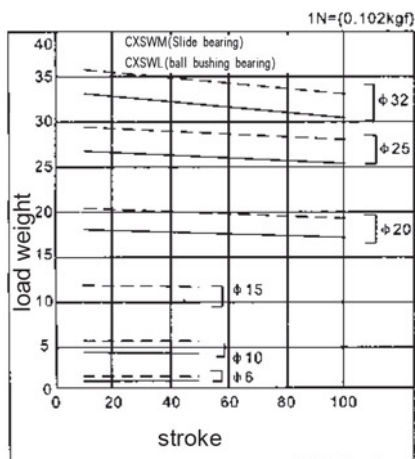
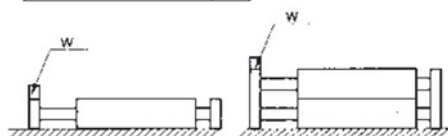
1) Bore, 15, Stroke, 30, Ball bushing bearing, Code, CXSWL15-30

2) Bore, 32, Stroke, 200, Slide bearing, Code, CXSWM32-20-XB11

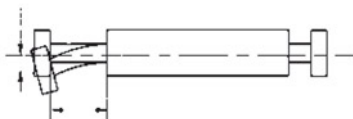
Stroke/Magnetic Switch

Bore (mm)	Standard Stroke(mm)	Long stroke(mm)[-XB11]	Channel Mounting
			Sensor switch
6	10, 20, 30, 40, 50		D-Z73L
10	10, 20, 30, 40, 50	75, 100, 125, 150	D-Z76L
15			D-Z80L
20	10, 20, 30, 40, 50, 75, 100	125, 150, 175, 200	D-Y59AL
25			D-Y59BL
32			

Max Allowable Load Weight

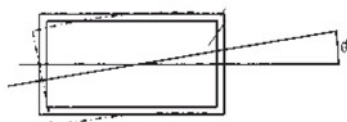


The Load Weight Of Rod End



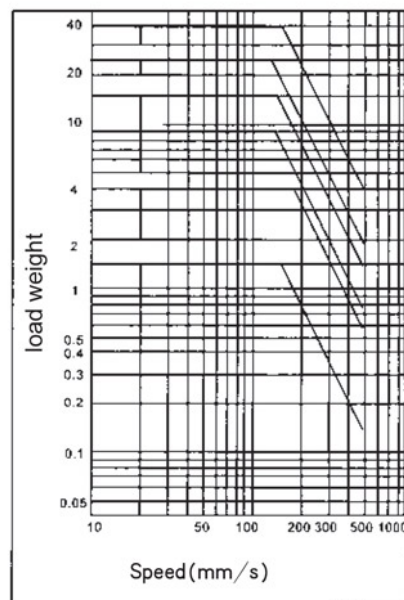
Bore(mm)	6 ~ 32
CXSWM(Slide bearing)	± 0.03 mm
CXSWL(Ball bushing bearing)	

Not cranking precision



Bore(mm)	6 ~ 32
CXSWM(Slide bearing)	$\pm 0.1^\circ$
CXSWL(Ball bushing bearing)	

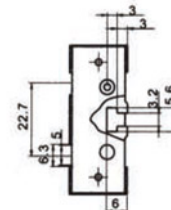
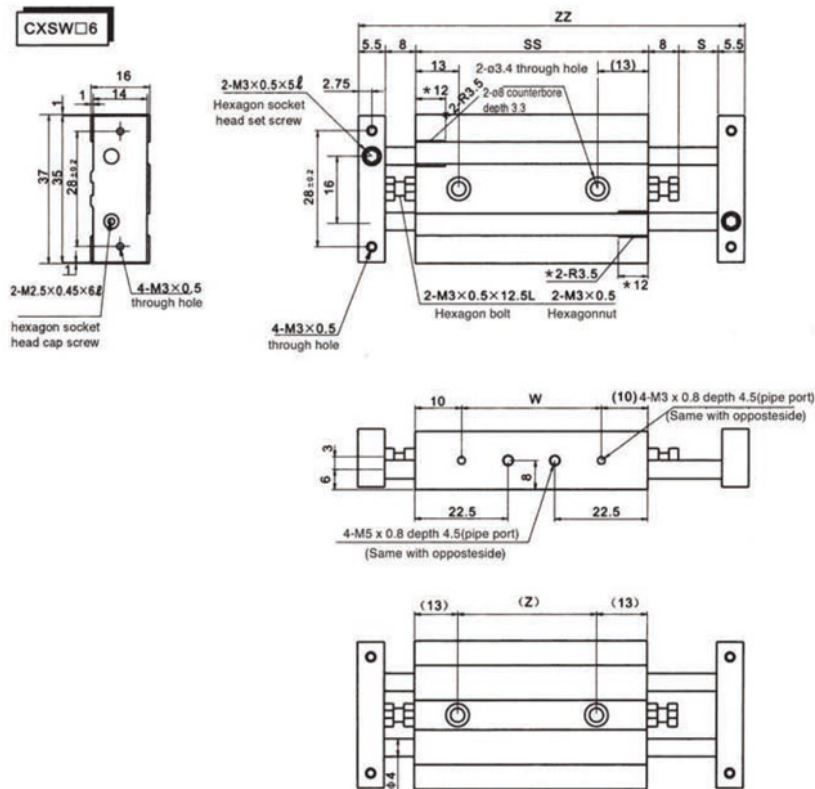
Allowable Function



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Figure Dimension(mm)

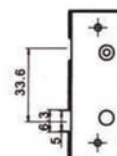
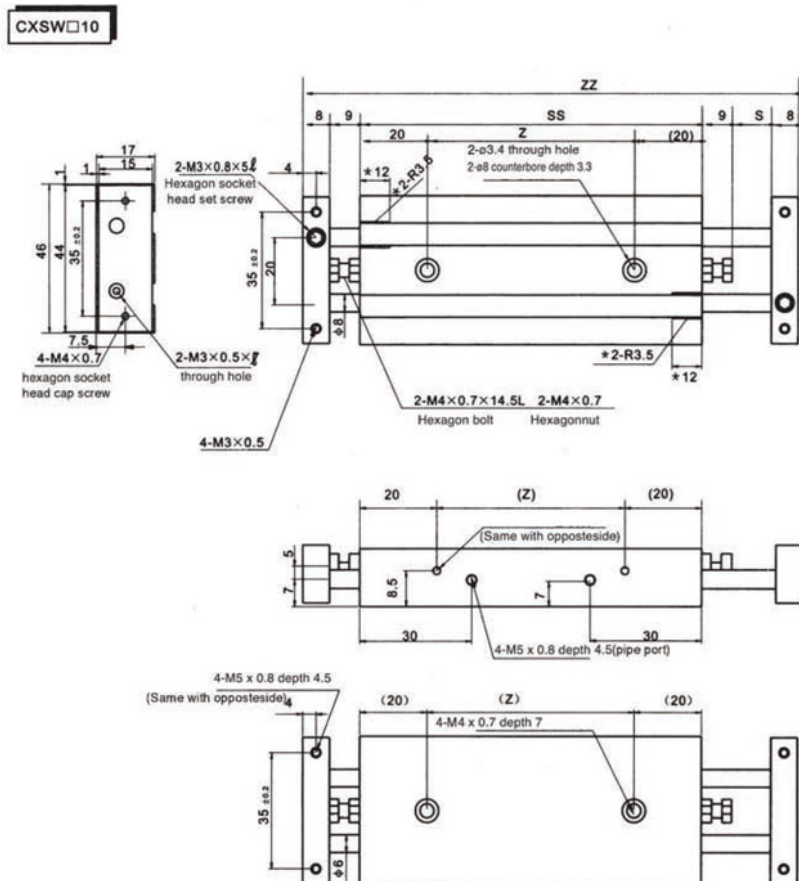
($\phi 6 - \phi 32$)



(mm)

Type	S	SS	ZZ	Z	W
CXSW□6-10	10	66	103	40	46
CXSW□6-20	20	76	123	50	56
CXSW□6-30	30	86	143	60	66
CXSW□6-40	40	96	163	70	76
CXSW□6-50	50	106	183	80	86

Cutting away the part of sensor switch channel, for mounting the sensor switch of CXSW □ 10-10 and CXSW □ 10-20



(mm)

	Type	S	SS	ZZ	Z
Standard Stroke	CXSW□10-10	10	92	136	52
	CXSW□10-20	20	102	156	62
	CXSW□10-30	30	112	176	72
	CXSW□10-40	40	122	196	82
	CXSW□10-50	50	132	216	92
	CXSW□10-75	75	157	266	117
Long Stroke (-XB11)	CXSW□10-100	100	182	316	142
	CXSW□10-125	125	207	366	167
	CXSW□10-150	150	232	416	192

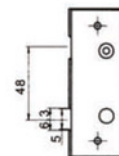
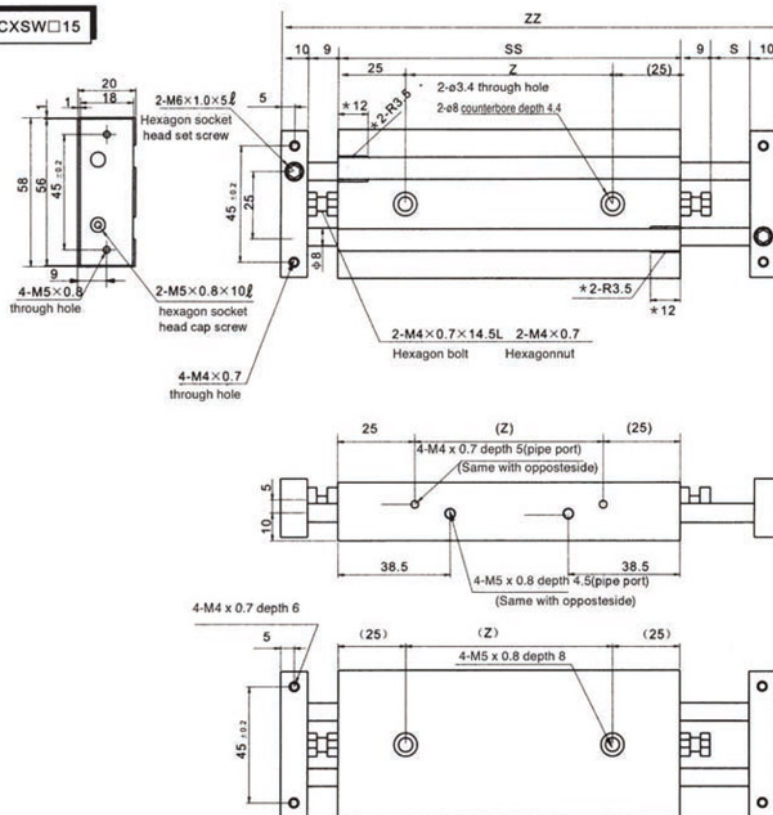
Cutting away the part of sensor switch channel, for mounting the sensor switch of CXSW □ 10-10 and CXSW □ 10-20

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($\phi 6 - \phi 32$)

Figure Dimension(mm)

CXSW□15

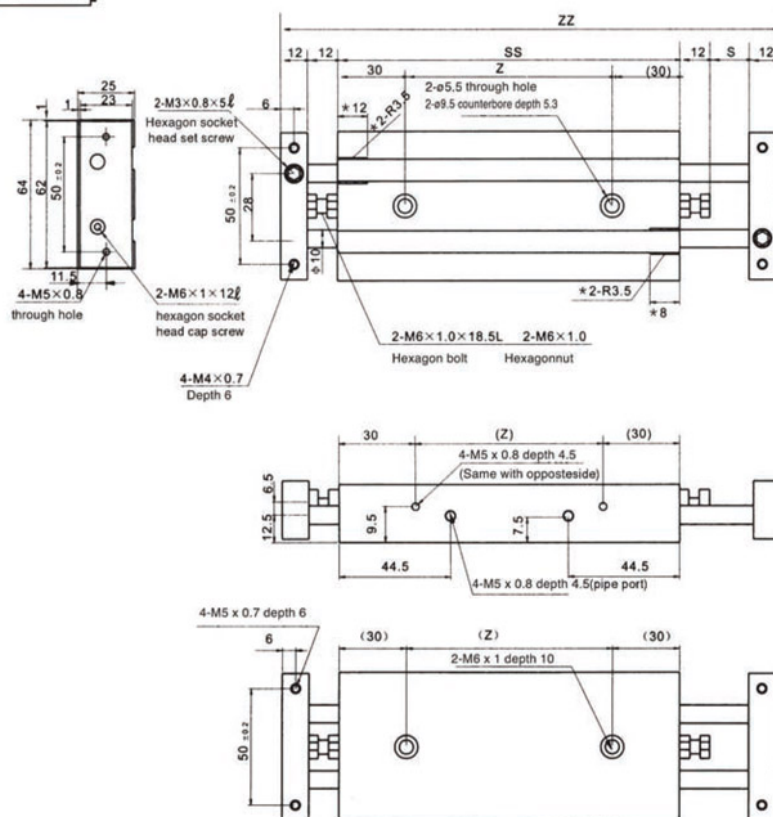


(mm)

	Type	S	SS	ZZ	Z
Standard	CXSW□15-10	10	106	153	55
	CXSW□15-20	20	115	173	65
	CXSW□15-30	30	125	193	75
	CXSW□15-40	40	135	213	85
	CXSW□15-50	50	145	233	95
Long	CXSW□15-75	75	170	283	120
	CXSW□15-100	100	195	333	145
	CXSW□15-125	125	220	383	170
	CXSW□15-150	150	245	433	195
	(-XB11)				

Cutting away the part of sensor switch channel, for mounting the sensor switch of CXSW □ 15-10 and CXSW □ 15-20

CXSW□20



(mm)

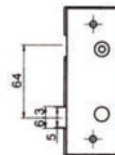
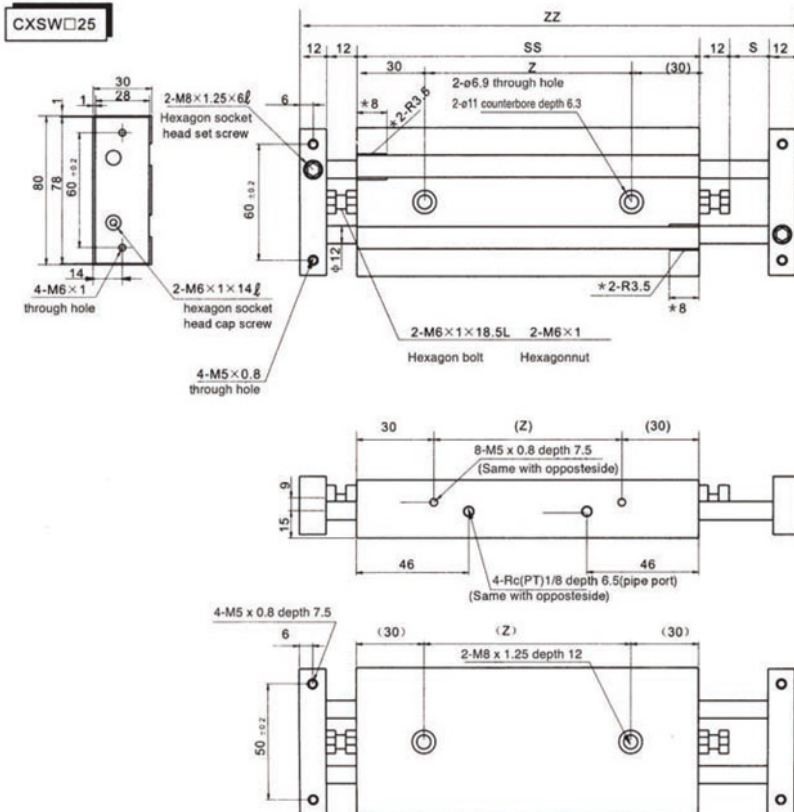
	Type	S	SS	ZZ	Z
Standard	CXSW□20-10	10	120	178	60
	CXSW□20-20	20	130	198	70
	CXSW□20-30	30	140	218	80
	CXSW□20-40	40	150	238	90
	CXSW□20-50	50	160	258	100
Long	CXSW□20-75	75	185	308	125
	CXSW□20-100	100	210	358	150
	CXSW□20-125	125	235	408	175
	CXSW□20-150	150	260	458	200
	CXSW□20-175	175	285	508	225
(-XB11)	CXSW□20-200	200	310	558	250

Cutting away the part of sensor switch channel, for mounting the sensor switch of CXSW □ 20-10

Through Rod Double Tubes Cylinder

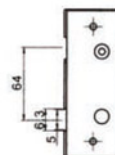
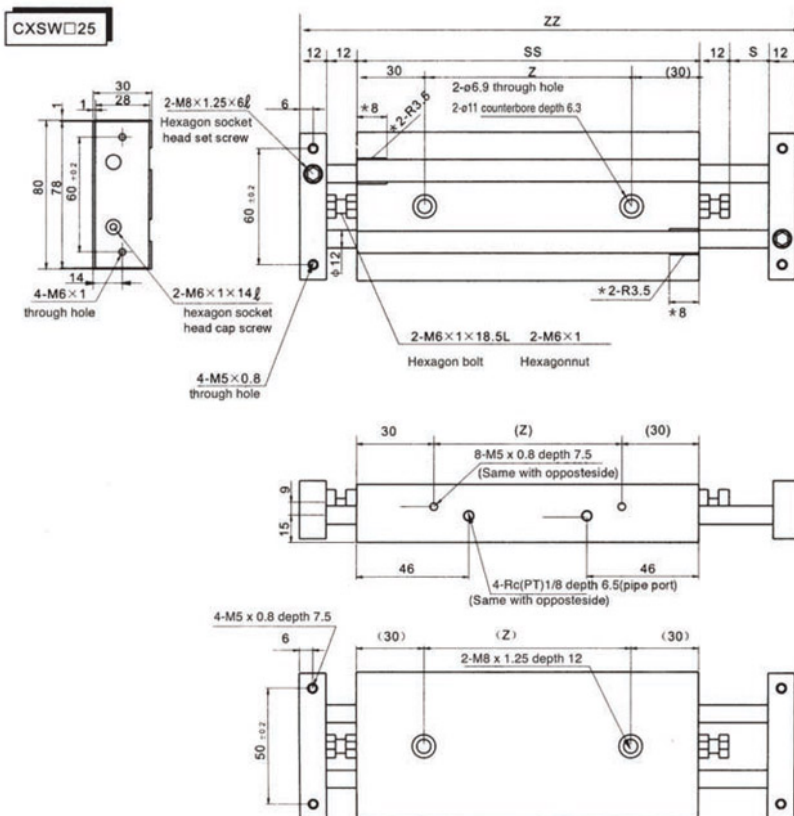
Figure Dimension(mm)

($\phi 6 - \phi 32$)



(mm)					
	Type	S	SS	Z	ZZ
Standard Stroke	CXSW□25-10	10	122	180	62
	CXSW□25-20	20	132	200	72
	CXSW□25-30	30	142	220	82
	CXSW□25-40	40	152	240	92
	CXSW□25-50	50	162	260	102
	CXSW□25-75	75	187	310	127
	CXSW□25-100	100	212	360	152
Long Stroke (-XB11)	CXSW□25-125	125	237	410	177
	CXSW□25-150	150	262	460	202
	CXSW□25-175	175	287	510	227
	CXSW□25-250	200	312	560	252

Cutting away the part of sensor switch channel, for mounting the sensor switch of CXSW □ 15-10 and CXSW □ 15-20



(mm)					
	Type	S	SS	Z	ZZ
Standard Stroke	CXSW□□32-10	10	143	213	83
	CXSW□□32-20	20	153	233	93
	CXSW□□32-30	30	163	253	103
	CXSW□□32-40	40	173	273	113
	CXSW□□32-50	50	183	293	123
	CXSW□□32-75	75	208	343	148
Long Stroke (-XB11)	CXSW□□32-100	100	233	393	173
	CXSW□□32-125	125	258	443	198
	CXSW□□32-150	150	283	493	223
	CXSW□□32-175	175	308	543	248
	CXSW□□32-320	200	333	593	273

Cutting away the part of sensor switch channel, for mounting the sensor switch of CXSW □ 20-10