CXS Series Dual Rod Cylinder：

1.Ordering Code :

CXS	M	-	20	x	50
↑	↑		↑		↑
Model	**Bearing Type**		**Bore**		**Stroke**
CXS: With magnet inside	M: Slide Bearing Type L: Ball Guide Bearing		6mm 10mm 16mm 20mm 25mm 32mm		0~100mm

2.Characteristics:

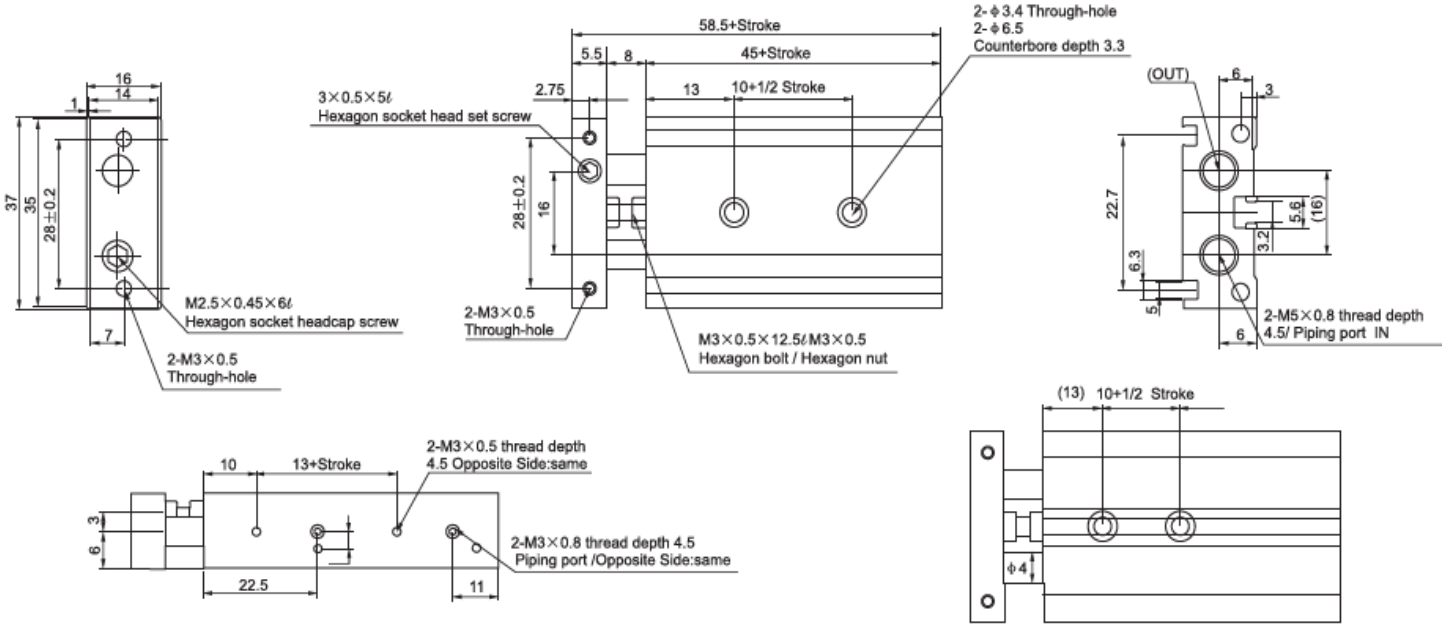
1) Double cylinder structure with high precision and dual output force.
2) No rotation.
3) Better performance against side loads.
4) Different thread type can be offered according to customers' requirements, e.g.:BSP, NPT etc.
5) Needn't lubricate on piston rod by oil

3.Specification:

Bore(mm)		6	10	15	20	25	32
Working Medium		Air					
Motion Pattern		Double action					
Ensured Pressure Resistance		1.05Mpa(10.7kgf/cm^2)					
Max.pressure		0.7Mpa(7.1kgf/cm^2)					
Min.pressure		0.15Mpa(1.5kgf/cm^2)	0.1Mpa(1.0kgf/cm^2)		0.05Mpa(0.51kgf/cm^2)		
Operating Temperature Range		5~+60℃					
Buffering		Both ends buffer					
Structare		Double Power					
Stroke Adjustable Range		Return Stroke: 0~5mm					
Bearing		Slide Bearing/Ball Guide Bearing					
Precision of Piston rod Non-rotating	Slide Bearing	±0.1	±0.15	±0.13	±0.11	±0.1	±0.08
	Ball Guide Bearing	±0.1	±0.1	±0.07	±0.06	±0.05	±0.04
Port size		M5×0.8					G1/8"

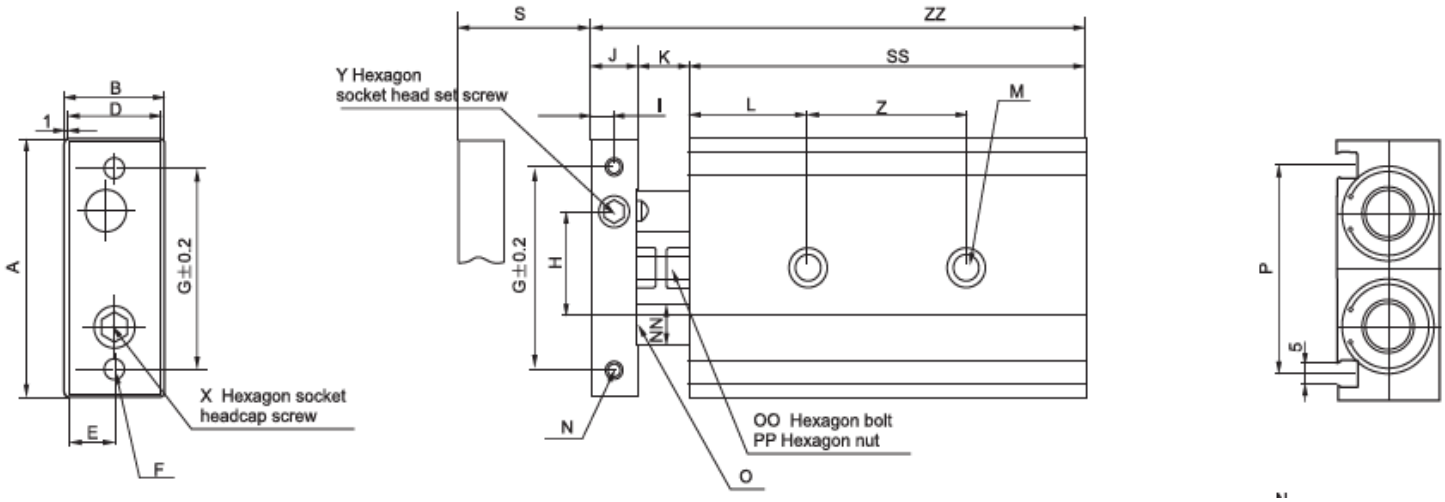
4. Overall and Dimension Sheet:

(Φ6)

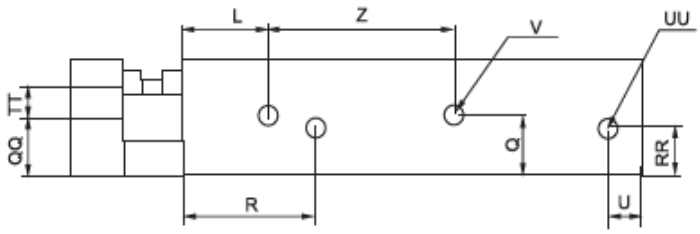


Model	Stroke	10+1/2 Stroke	13+Stroke	45+Stroke	58.5+Stroke
CXS□6-10	10	15	23	55	68.5
CXS□6-20	20	20	33	65	78.5
CXS□6-30	30	25	43	75	88.5
CXS□6-40	40	30	53	85	95.5
CXS□6-50	50	35	63	95	108.5

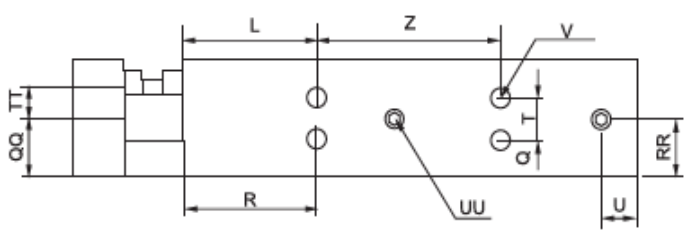
(Φ10~Φ30)

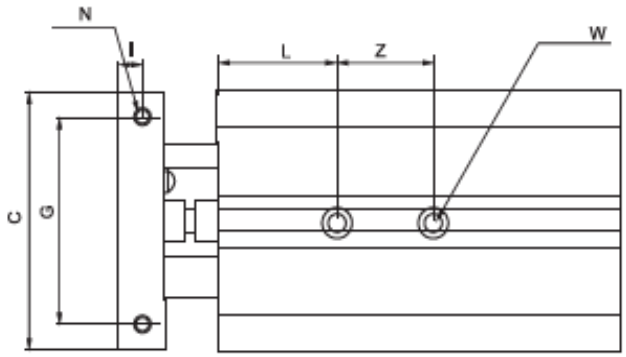


ϕ10~15



ϕ20~32





Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	NN	O	OO	P
CXS□10-10 /20/30/40/50	46	17	44	15	7.5	2-M4×0.7	35	20	4	8	9	20	2-Φ3.4/through 2-Φ6.5 Counterbore depth3.3	2-M3×0.5 thread depth 5	Φ6	5	M4×0.7×14.5L	33.6
CXS□15-10 /20/30/40/50	58	20	56	18	9	2-M5×0.8	45	25	5	10	9	30	2-Φ4.3/through 2-Φ8 Counterbore depth4.4	2-M4×0.7 thread depth 6	Φ8	6	M4×0.7×14.5L	48
CXS□20-10/20/ 30/40/50/75/100	64	25	62	23	11.5	2-M5×0.8	50	28	6	12	12	30	2-Φ5.5/through 2-Φ9.5 Counterbore depth5.3	2-M4×0.7 thread depth 6	Φ10	8	M6×1.0×18.5L	53
CXS□25-10/20/ 30/40/50/75/100	80	30	78	28	14	2-M6×1.0	60	35	6	12	12	30	2-Φ6.9/through 2-Φ11 Counterbore depth6.3	2-M5×0.8 thread depth 7.5	Φ12	10	M6×1.0×18.5L	64
CXS□32-10/20/ 30/40/50/75/100	98	38	96	36	18	2-M6×1.0	75	44	8	16	14	30	2-Φ6.9/through 2-Φ11 Counterbore depth6.3	2-M5×0.8 thread depth 8	Φ16	13	M8×12.5×23L	76

Model	PP	Q	QQ	R	RR	T	TT	U	UU	V	W	X	Y
CXS□10-10 /20/30/40/50	M4×0.7	8.5	7	30	7	-	5	8	4-M5×0.8 thread depth 4.5	4-M3×0.5 thread depth 4.5	2-M4×0.7 thread depth 7	M3×0.5×10L	M3×0.5×5L
CXS□15-10 /20/30/40/50	M4×0.7	10	10	38.5	10	-	5	8	4-M5×0.8 thread depth 4.5	4-M4×0.7 thread depth 5	2-M5×0.8 thread depth 8	M5×0.8×10L	M4×0.7×4L
CXS□20-10/20/ 30/40/50/75/100	M6×1.0	7.75	12.5	45	7.75	9.5	6.5	8	4-M5×0.8 thread depth 4.5	8-M4×0.7 thread depth 6	2-M6×1.0 thread depth 10	M6×1.0×12L	M5×0.8×5L
CXS□25-10/20/ 30/40/50/75/100	M6×1.0	8.5	15	46	15	13	9	9	4-1/8 thread depth 6.5	8-M5×0.8 thread depth 7.5	2-M8×1.25 thread depth 12	M6×1.0×14L	M6×1.0×5L
CXS□32-10/20/ 30/40/50/75/100	M8×1.25	9	19	56	19	20	11.5	10	4-1/8 thread depth 6.5	8-M5×0.8 thread depth 7.5	2-M8×1.25 thread depth 12	M8×1.25×16L	M8×1.25×8L

Model	S	SS	Z	ZZ	Model	S	SS	Z	ZZ	Model	S	SS	Z	ZZ	Model	S	SS	Z	ZZ	Model	S	SS	Z	ZZ
CXS□10-10	10	65	30	82	CXS□15-10	10	70	25	89	CXS□20-10	10	80	30	104	CXS□25-10	10	82	30	106	CXS□32-10	10	92	40	122
CXS□10-20	20	75		92	CXS□15-20	20	80		99	CXS□20-20	20	90		114	CXS□25-20	20	95		116	CXS□32-20	20	102		132
CXS□10-30	30	85		102	CXS□15-30	30	90		109	CXS□20-30	30	100		124	CXS□25-30	30	102		126	CXS□32-30	30	112		142
CXS□10-40	40	95	40	112	CXS□15-40	40	100	35	119	CXS□20-40	40	110	40	134	CXS□25-40	40	112	40	136	CXS□32-40	40	122	50	152
CXS□10-50	50	105		122	CXS□15-50	50	110		129	CXS□20-50	50	120		144	CXS□25-50	50	122		146	CXS□32-50	50	132		162
										CXS□20-75	75	145	60	169	CXS□25-75	75	147	60	171	CXS□32-75	75	157	70	187
										CXS□20-100	100	170		194	CXS□25-100	100	172		196	CXS□32-100	100	182		212