

CXS Series Double-Shaft Cylinder



CXS 20 x 50

Ordering Code

CXS

Series Code
CXS: Attach
Magnet Type

M

Type of Bearing
M: Slide Bearing Type
L: Ball Guide Bearing Type

20 × **50**

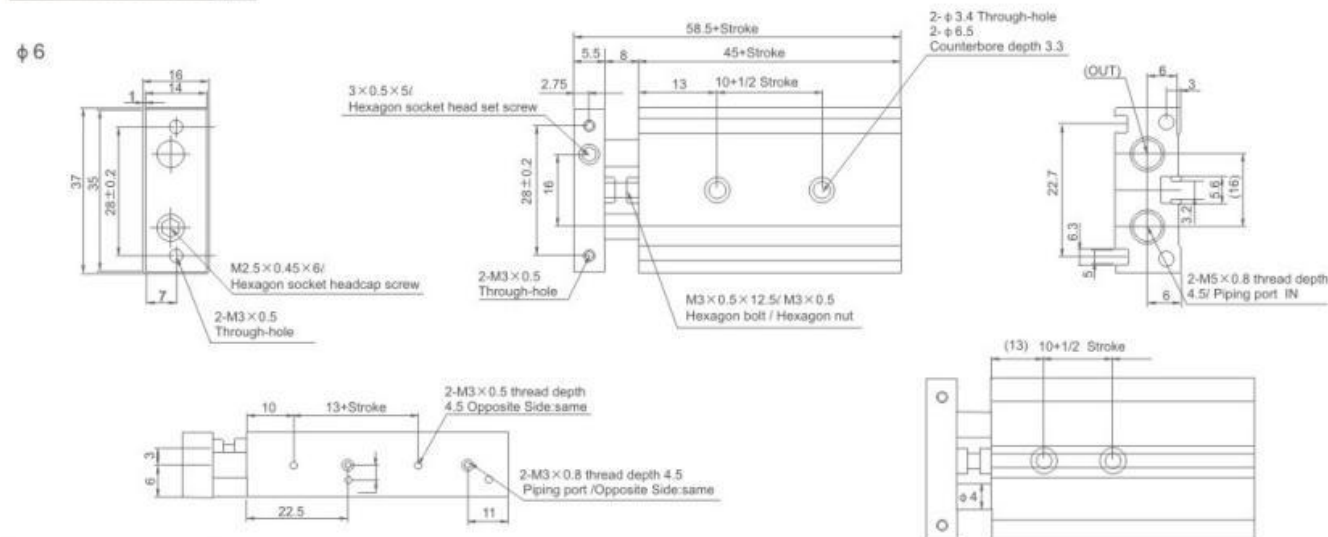
Cylinder Bore
6mm
10mm
15mm
20mm
25mm
32mm

Stroke
Φ6: 0~50mm
Φ10~32:
0~100mm

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					
Structure	Double Power					
Stroke Adjustable Range	Return Stroke: 0~5mm					
Bearing	Slide Bearing/Ball Guide Bearing					
Precision of	Slide Bearing	±0.1	±0.15	±0.13	±0.11	±0.08
Piston rod Non-rotating	Ball Guide Bearing	±0.1	±0.1	±0.07	±0.06	±0.04
Port size	M5×0.8					

Overall Dimensions

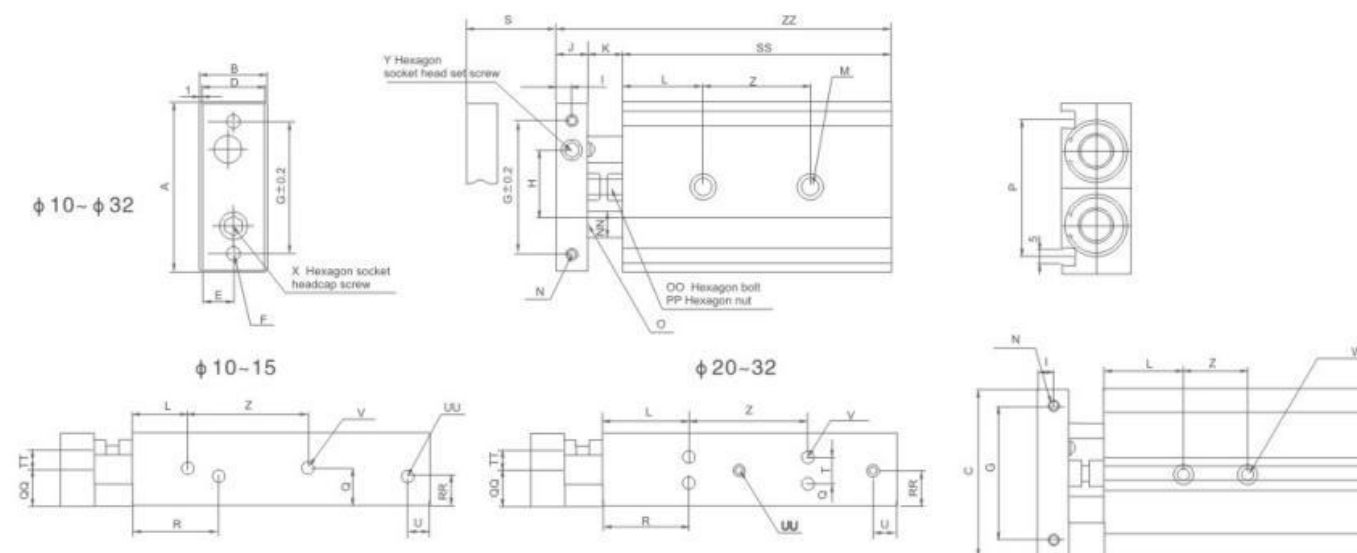


Dimension Sheet

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

CXS Series Double-Shaft Cylinder

Overall Dimensions



Dimension Sheet

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
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□ 10-20	20	75		92	CXS□ 15-20	20	80		99	CXS□ 20-20	20	90		114	CXS□ 25-20	20	95		116
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□ 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□ 10-50	50	105		122	CXS□ 15-50	50	110		129	CXS□ 20-50	50	120		144	CXS□ 25-50	50	122		146
										CXS□ 20-75	75	145	60	169	CXS□ 25-75	75	147	60	171
										CXS□ 20-100	100	170		194	CXS□ 25-100	100	172		196
															CXS□ 32-10	10	92	40	122
															CXS□ 32-20	20	102		132
															CXS□ 32-30	30	112		142
															CXS□ 32-40	40	122	50	152
															CXS□ 32-50	50	132		162
															CXS□ 32-75	75	157	70	182
															CXS□ 32-100	100	182		212