

CA2 Series Standard Cylinder



CA2B 40 x 100

Ordering Code

CA2

Series Code
CA2B: Normal Type
CDA2B: Attach Magnet Type

40

Cylinder Bore
40mm-100mm

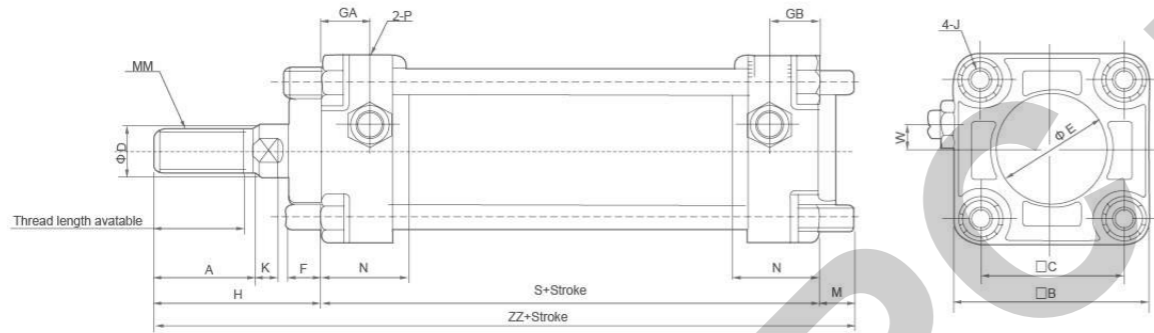
100

Stroke

Specification

Bore(mm)	40	50	63	80	100
Working Medium	Air				
Motion Pattern	Double action Type				
Ensured Pressure Resistance	15.3kgf/cm ² (1.5Mpa)				
Max.pressure	10.2kgf/cm ² (1.0Mpa)				
Min.pressure	0.5kgf/cm ² (0.05Mpa)				
Operating Temperature Range ℃	5~+60℃				
Operating Speed Range	50~500mm/s				
Buffering	Air buffering				
Margin of Stroke Error(mm)		~0~250 ⁺¹⁰ ₀	251~1000 ^{+1.4} ₀	1001~1500 ^{+1.8} ₀	
Port size	G1/4"	G3/8"	G3/8"	G1/2"	G1/2"

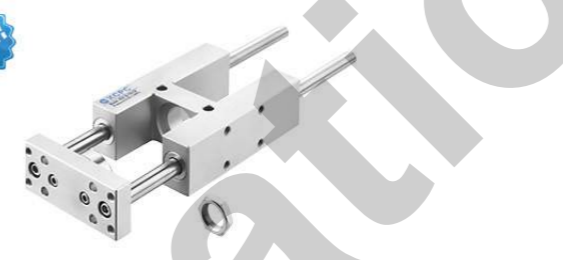
Overall Dimensions



Dimension Sheet

Bore/ Symbol	Stroke range	Thread Length Available	A	□B	□C	ΦD	ΦE	F	GA	GB	J	K	M	MM	N	P	S	W	H	ZZ
40	~500	27	30	60	44	16	32	10	15	15	M8×1.25	6	11	M14×1.5	27	1/4	84	8	51	146
50	~600	32	35	70	52	20	40	10	17	17	M8×1.25	7	11	M18×1.5	27	3/8	90	0	58	159
63	~600	32	35	85	64	20	40	10	17	17	M10×1.25	7	14	M18×1.5	31	3/8	98	0	58	170
80	~750	37	40	102	78	25	52	14	21	21	M12×1.75	11	17	M22×1.5	37	1/2	116	0	71	204
100	~750	37	40	116	92	30	52	14	21	21	M12×1.75	11	17	M26×1.5	40	1/2	126	0	72	215

XEN/XENG Series Guide Units



XEN 25-100-GF



XENG 40-100-GF

Ordering Code

XENG

Series Code
XEN: Guided Unit for ISO 6432
XENG: Guided Unit for ISO 15552

50

Bore
XEN: 8mm~25mm
XENG: 32mm~100mm

100

Stroke

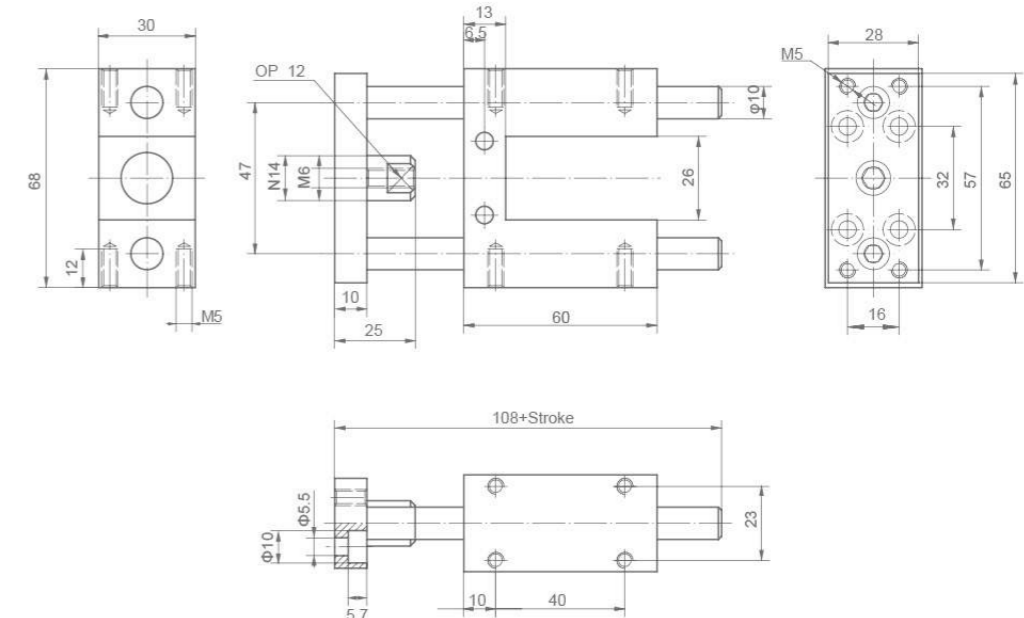
GF

Guide
GF: Plain-bearing Guide
KF: Recirculating Ball
Bearing Guide

Specification

Model	XEN-...				XENG-...					
Bore Φ	8/10	12/16	20	25	32	40	50	63	80	100
Stroke(mm)	1 ... 100	1 ... 200	1 ... 250		1 ... 500					
Guide	Plain-bearing Guide									
Installation	Recirculating Ball									
Installation position	Any									
Operating Range Temperature	-20~+80℃									

Overall Dimensions



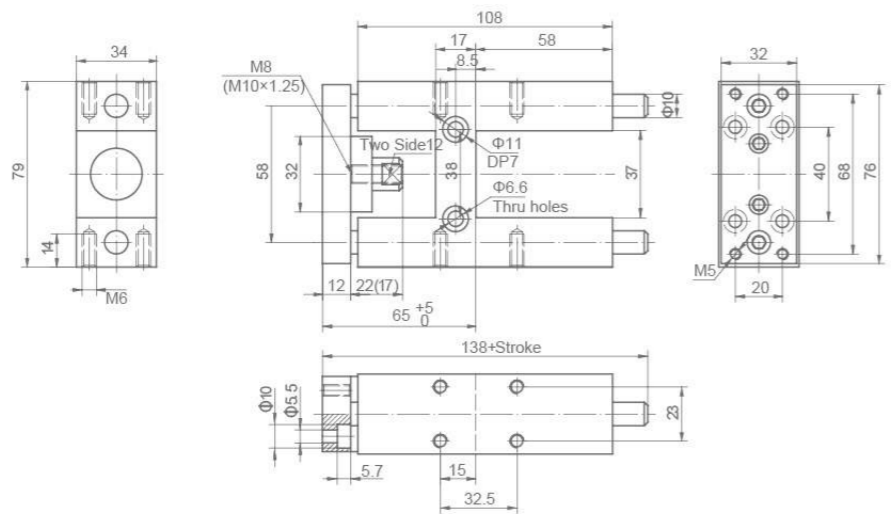
XEN12-16

XEN/XENG Series Guide Units

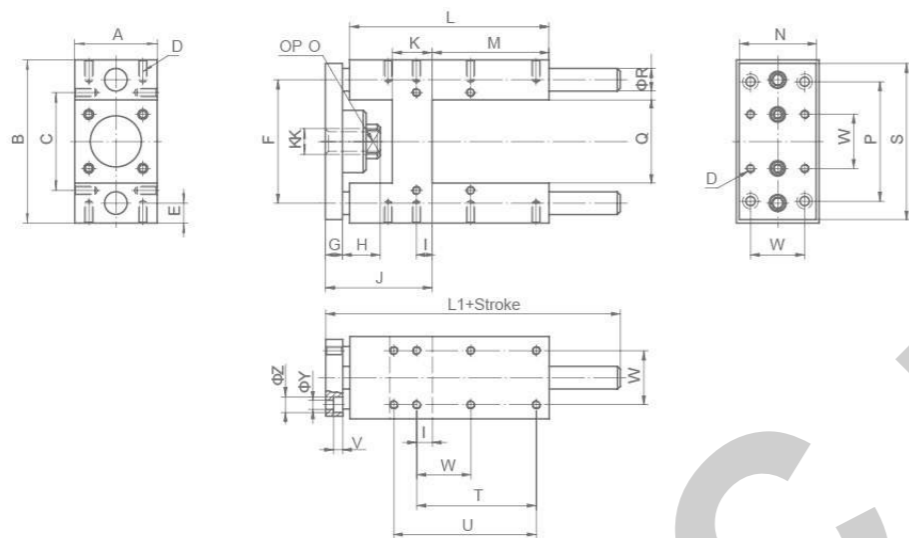
Overall Dimensions

XEN20-25

*In() is the size of 25



XENG32-100



Dimension Sheet

Bore(mm)	J	Q	W	P	S	T	U	ΦZ	ΦY	V	L1	O	D	E
32	67 ^{+0.5} ₀	50.5 ^{+0.3}	32.5 ^{+0.2}	78 ^{+0.2}	90	70.3 ^{+0.2}	78 ^{+0.2}	11	6.6	6.5	155	14	M6	12
40	75 ^{+0.5} ₀	58.5 ^{+0.3}	38 ^{+0.2}	16 ^{+0.2}	110	84 ^{+0.2}	-	11	6.6	6.5	170	17	M6	14
50	89 ^{+1.0} ₀	70.5 ^{+0.3}	46.5 ^{+0.2}	20 ^{+0.2}	130	81.8 ^{+0.2}	100 ^{+0.2}	13	9	9	188	22	M8	16
63	89 ^{+1.0} ₀	85.5 ^{+0.3}	56.5 ^{+0.2}	20 ^{+0.2}	145	105 ^{+0.2}	-	13	9	9	220	22	M8	16
80	111 ^{+1.0} ₀	106 ^{+0.6}	72 ^{+0.2}	25 ^{+0.2}	180	-	-	18	11	11	258	27	M10	20
100	111 ^{+1.0} ₀	131 ^{+0.6}	89 ^{+0.2}	25 ^{+0.2}	200	-	-	18	11	11	263	27	M10	20

Bore(mm)	A	B	C	ΦR	F	KK	L	K	M	G	H	I	N
32	50 ^{+0.3}	97 ⁰ _{-0.4}	61 ^{+0.2}	12	74 ^{+0.2}	M10×1.25	125	24	76	12	20	4.3	45
40	58 ^{+0.3}	115 ⁰ _{-0.4}	69 ^{+0.2}	16	87 ^{+0.2}	M12×1.25	140	28	81	12	22	11	54
50	70 ^{+0.3}	137 ⁰ _{-0.5}	85 ^{+0.2}	20	104 ^{+0.2}	M16×1.5	150	34	79	15	25	18.8	63
63	85 ^{+0.3}	152 ⁰ _{-0.1}	100 ^{+0.2}	20	119 ^{+0.2}	M16×1.5	182	34	111	15	25	15.3	80
80	105 ^{+0.3}	189 ⁰ _{-0.5}	130 ^{+0.2}	25	147.5 ^{+0.2}	M20×1.5	215	40	128	20	32	21	100
100	130 ^{+0.3}	213 ⁰ _{-0.5}	150 ^{+0.2}	25	172 ^{+0.2}	M20×1.5	220	40	128	20	32	24.5	120



Mini/Compact Cylinders

Mini/Compact cylinder can save the mounting space maximally, they are widely used on the compact and well-designed machines, the demand is growing fast in the world, Mini cylinder include: MA6432(ISO6432), MA, CM2, CJ2(Stainless Steel), MAL(Aluminum), the bore range is from 8mm to 40mm, Compact cylinder include: ADN,ADVU(ISO standard) CQ2(Japanese Standard) and SDA. the bore range is from 10 mm to 100mm.

