



▲ 产品规格 Specifications

缸径(mm) Bore	6	10	15	20	25	32	40
工作介质 Working Fluid	空气Air						
动作型式 Action	双动 Double action						
耐压 Proof Pressure	1.05MPa(10.5kgf/cm ²)						
工作压力 working Pressure	0.7MPa(7.1kgf/cm ²)						
最低工作压力 Min working pressure	0.18MPa(1.8kgf/cm ²)						
工作温度working temperature	0~60℃						
工作速度 working speed	50~400℃						
※缓冲 Cushion	两端橡胶缓冲 Roubber bumper on both ends						
行程公差 Stroke tolerance	0~250: ^{+1.0} ₀ ; 251~1000: ^{+1.4} ₀ ; 1001~: ^{+1.4} ₀						
※润滑 lubrcation	不需要 no need						
接管口径 Rc(PT)Port size	M5X0.8		Rc(PT)1/8		Rc(PT)1/4		

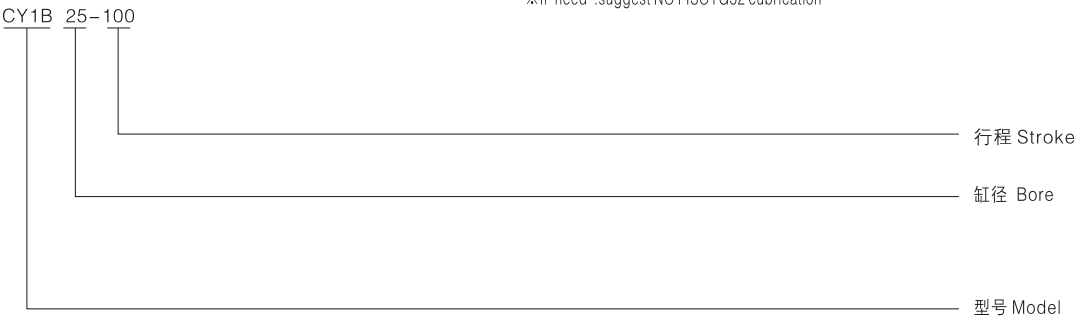
※可选择油压吸震器(只限滑尺型-CY1S)

※如需要润滑,请用透平1号油ISOVG32.

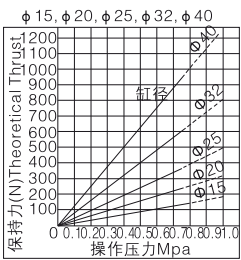
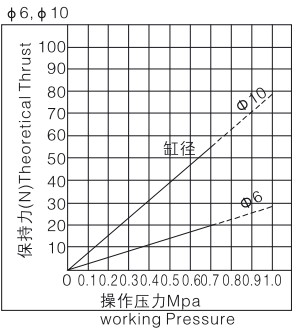
※Hydraulic shock absorber is available

※If need .suggest NO1 ISOYG32 cubrication

▲ 型号选择



气缸理论出力及磁耦保持力 Theoretical Cylinder Thrust



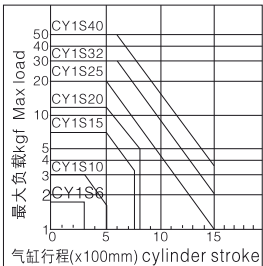
缸径(mm) Bore	型式 Type	保持力(N) Theoretical Thrust	磁耦保持力相应的压力 (MPa) Relevant Pressure	行程中间停止时的最大 操作压力(MPa) Max pressure when stop in the stroke
φ 6	CY1□6H	19.6	0.7	0.55
φ 10	CY1□10H	53.9	0.7	0.55
φ 15	CY1□15H	137.3	0.79	0.65
φ 20	CY1□20H	231	0.76	0.65
φ 25	CY1□25H	362.8	0.75	0.65
φ 32	CY1□32H	588.4	0.74	0.65
φ 40	CY1□40H	921.8	0.75	0.65

最大负载及行程(CY1S)

若负载与滑块的重心在同一点上,
则力与行程的关系曲线如下图

Max load and stroke(CY1S).

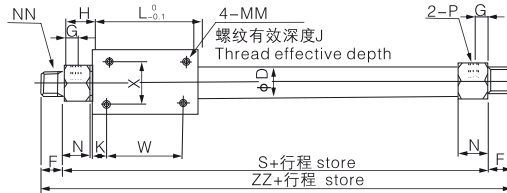
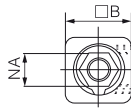
If the load and slid block' s center
of gravity is the same point ,then the
relation of strength and stroke is as
the following diagram



▲ 外形尺寸(毫米) Overall Dimension(mm)

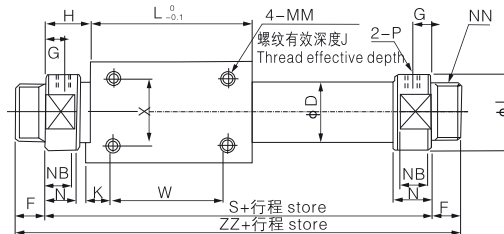
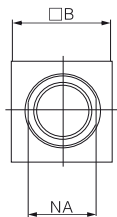
基本型 Basic

CY1B · 10 · 15



型号 Model	行程 范围	供气□P	φD	□B	F	G	H	K	L	N	NA	MMXJ	NN	S	W	X	ZZ
CY1B6	-300	M5X0.8	7.6	17	9	5	14	5	35	10	14	M3X0.5X4.5	M10X1.0	63	25	10	81
CY1B10	-500	M5X0.8	12	25	9	5	12.5	4	38	11	14	M3X0.5X4.5	M10X1.0	63	30	16	81
CY1B15	-1000	M5X0.8	17	35	10	5.5	13	11	57	11	17	M4X0.7X6	M10X1.0	83	35	19	103

Y1B20 · 25 · 32 · 40

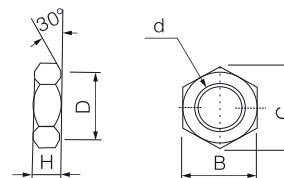


型号 Model	行程范围 stroke part	供气□P	□B	□C	φD	φE(h8)	F	G	H	I	K	L	MMXJ	N	NA	NB	NN
CY1B20	-2000	1/8	36	-	22.8	-	13	8	20	28	8	66	M4X0.7X0.6	15	24	13	M20X1.5
CY1B25	-2000	1/8	46	-	27.8	-	13	8	20.5	34	10	70	M5X0.8X8	15	30	13	M26X1.5
CY1B32	-2000	1/8	60	-	35	-	16	9	22	40	15	80	M6X1.0X8	17	36	15	M26X1.5
CY1B40	-2000	1/4	70	-	43	-	16	11	29	50	16	92	M6X1.0X10	21	46	19	M32X2.0

型号 Model	GXR	S	TB	TCXR	W	X	ZZ
CY1B20	-	106	-	-	50	25	132
CY1B25	-	111	-	-	50	30	137
CY1B32	-	124	-	-	50	40	156
CY1B40	-	150	-	-	60	40	182

安装螺母 Mounting nut

型号 Model	适用缸径 Bore	d	H	B	C	D
CY1B20	φ6, φ10, φ15	M10X1.0	3	14	16.2	14
CY1B25	φ20	M20X1.5	9	26	30	25
CY1B32	φ25, φ32	M26X1.5	8	32	37	31
CY1B40	φ40	M32X2.0	11	41	47.3	39



B

HYC
HYCD
HYCJ
HYCT
HYC
MBB
QGA(B)
CA1
CS1
DNC
SDA
SDAD
SDAJ
SDAT
SDAW
SDA
CQS
CQ2
ADVU
MAL
MSAL
MALD
MALJ
MAL
MA MAC
MSA
MAD
MAJ
MAR
MA
CJ2
CM2
DSNU
CU
TN
CXS
CXSW
MGP
CJP
CY1B(S)
MH
ZH