

EHDS Series Y Type Air Gripper



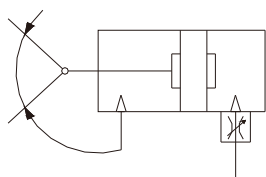
Characteristics

- 1、Tube of cylinder is hard oxidated,with resisting grind,corrosion and long working life;
- 2、Many mounting mode is available to different usage;
- 3、ALL cylinders can be supplied as standard with magnetic pistons.The magnetic cylinder is option for using with switch sensors
- 4、High temperature type cylinder is optional.the special seals uiton will be adopted to be suitable up to 150℃

Product Code System

EHDS	20	—	S	—	2	EHDS	20	—	S	—	2
型号	缸径		磁性开关		磁性开关个数	Model	Inner Diameter		Inductive Magnetic Ring		quantity of the magnetic ring
Y型夹紧气缸			S: 带磁性开关 空白: 不带磁性开关		1: 1个磁性开关 2: 2个磁性开关	Y-type finger Cylinder			S: with magnetic ring Black: without magnetic ring		1: one magnetic ring 2: two magnetic rings

Symbol



Example

For order of the Y-type finger cylinder which the inner diameter is 20mm, have two magnetic rings is attached to, the correct order code is: EHDS-20-S-2

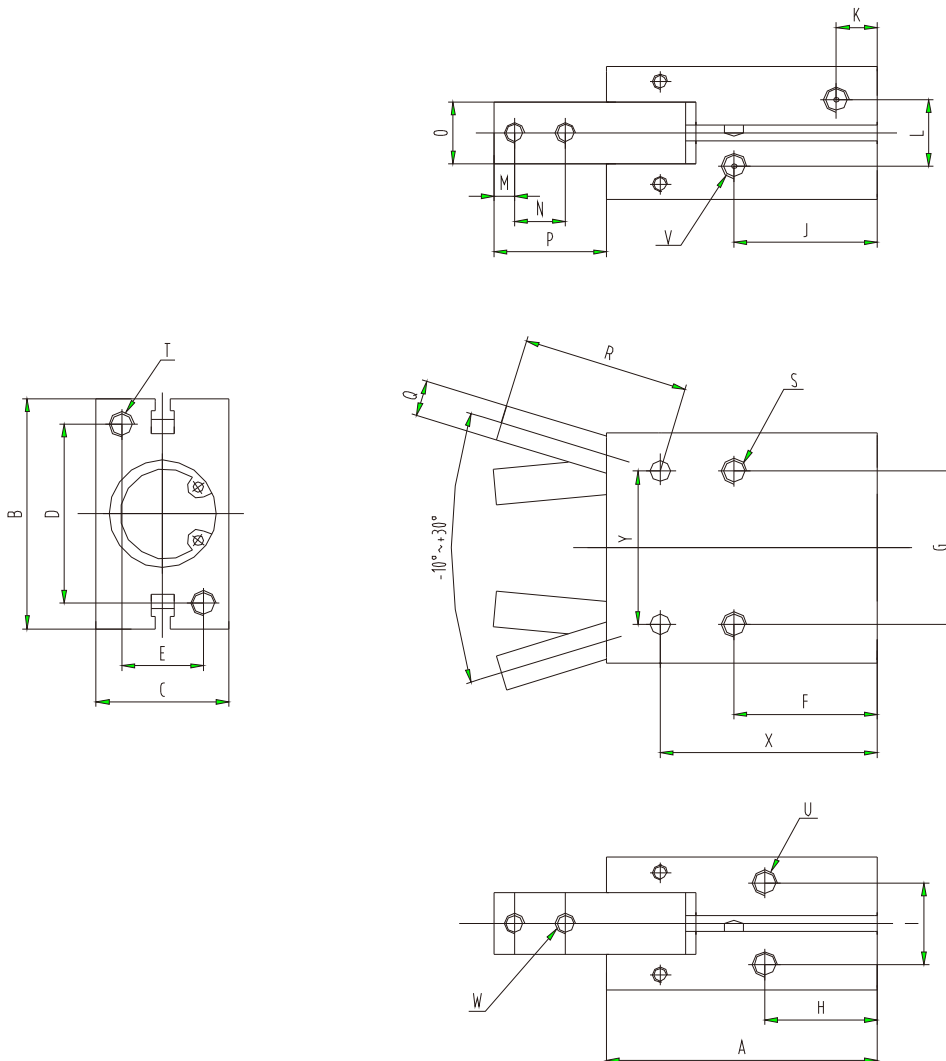
Specification

缸径/ Inner Diameter (mm)	10	16	20	25	32
动作型式	双作用型				
工作介质	经过滤的压缩空气				
使用压力范围	0.15~0.7(MPa)				
使用温度范围	-5℃~+70℃				
最高动作频率	180(次/min)				
给油	气缸: 无需给油, 夹爪: 涂抹润滑脂				
理论夹持力矩 闭侧 (Kgf. Cm)	0.16XP	0.8XP	1.7XP	3.4XP	6.1XP
开侧	0.26XP	1.1XP	2.3XP	4.3XP	8.1XP
最大夹取点长度	30	40	60	70	85
有效把持力(F)(kgf)	F=M/LX0.85				
夹爪开闭角度	-10°~+30°				
接管螺纹	M3X0.5	M5X0.8			

注: P: 使用压力Kgf/cm² F: 有效把持力 L: 抓臂接点长度M: 理论把持力矩

Is with magnetic ring's dimensions

Dimensions



缸径 Inner Dia. 符号 Code	A	B	C	D	E	F	G	H	I	J	K	L	M	N
10	38.6	23	16.4	18	12	23	16	27	11.4	18.8	6.5	10.2	3	5.7
16	44.6	30.6	23.6	22	15	24.5	24	30	16	18.3	7	13	4	7
20	55.2	42	27.6	32	18	29	30	35	18.6	22.2	7.5	15	5.2	9
25	60.4	52	33.6	40	22	30	36	36.5	22	23.5	7.7	20	8	12
32	68	60	40	46	26	37.5	44	30	26	31	9.2	24	6	14

缸径 Inner Dia. 符号 Code	O	P	Q	R	S	T	U	V	W	X	Y
10	6.4	14.3	4	17.2	M3X0.5 深5	M3X0.5 深6	M3X0.5 深6	M3X0.5	M2.5X0.45	35.8	14
16	8	18.8	7	23.6	M4X0.7 深8	M4X0.7 深8	M4X0.8 深8	M5X0.8	M3X0.5	39.7	24
20	10	23.5	8	29	M5X0.8 深10	M5X0.8 深10	M5X0.8 深10	M5X0.8	M4X0.7	49.7	30
25	12	32.8	10	38.5	M6X1.0 深12	M6X1.0 深12	M6X1.0 深10	M5X0.8	M5X0.8	54.8	36
32	18	29.7	10	40	M6X1.0 深16	M6X1.0 深12	M6X1.0 深10	M5X0.8	M6X1.0	58	42