

无杆气动缸Rodless Pneumatic Cylinder

OSP-P系列 OSP-P Series



符号 Symbol



可选功能 Optional Features

- 洁净室气瓶
- 不锈钢螺丝
- 慢速润滑
- 碳氟化合物密封件 · 14° F至212° F (-10°C至100°C)
- 单端移植
- 集成阀
- 集成轴承选项
- Clean room cylinders
- Stainless steel screws
- Slow speed lubrication
- Fluorocarbon seals -14° F to 212° F (-10°C to 100°C)
- Single end porting
- Integrated valves
- Integrated bearing options:

规格 Specification

类型 Type	无杆气缸 Rodless cylinder
系列号 Series	OSP-P
行程长度 Stroke length	5.5m(216 inches)
系统 System	双作用, 带垫子和磁性活塞 Double-acting, with cushions and magnetic piston
安装 Mounting	见图纸 See drawings
空气连接 Air connection	螺纹 Threaded
重量 (质量) Weight(mass)	见表 See table
安装 Installation	在任何位置 In any position
润滑 Lubrication	在工厂预润滑 (附加油雾润滑不需要) Prelubricated at the factory (additional oil mist lubrication not required)
选项 Option	特殊慢速润滑脂 special slow speed grease

标准功能 Standard Features

- 双重作用与可调整的坐垫
- 带有用于位置感应的磁性活塞
- 标志冲程长度为5500mm, 可应要求提供长行程版本
- 端盖可以旋转4×90° 根据需要定位端口
- Double-acting with adjustable cushions
- With magnetic piston for position sensing
- Standard stroke lengths to 5500mm, long stroke versions available upon request
- End cap can be rotated 4×90° to position ports as desired

操作信息 Operating information

工作压力 Operating pressure	116 PSIG(8 bar)
温度范围 Temperature range	14° F-176° F(-10°C-80°C)
过滤要求 Filtration requirements	过滤, 非润滑压缩空气 Filtered, nonlubricated compressed air

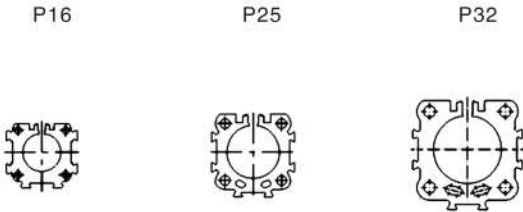
材料规格 Material specification

气缸轮廓 Cylinder profile	阳极氧化铝 Anodized aluminum
载体 (活塞) Carrier(piston)	阳极氧化铝 Anodized aluminum
端盖 End caps	铝, 上漆/塑料 (P10) Aluminum, lacquered/plastic(P10)
密封带 Sealing bands	NBR (选项: 碳氟化合物) NBR (Option: Fluorocarbon)
密封件 Seals	镀锌钢 Galvanized steel
螺丝钉 Screws	选项: 不锈钢 Option: stainless steel
防尘罩, 刮水器 Dust covers, wipers	合成的 Composite

重量 (质量) Weight(mass)kg

气缸系列 (基本气缸) Cylinder series(Basic cylinder)	重量 (质量) Weight(Mass)kg	
	在0mm行程 at 0mm stroke	每100毫米行程 per 100mm stroke
OSP-P16	0.22	0.1
OSP-P25	0.65	0.197
OSP-P32	1.44	0.354

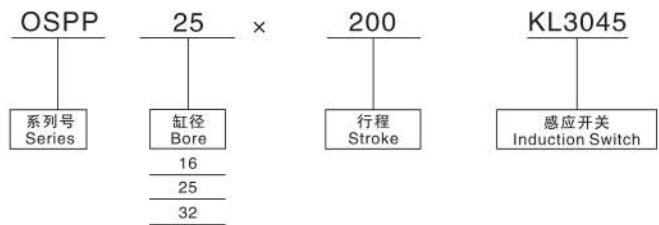
尺寸比较 Size Comparison



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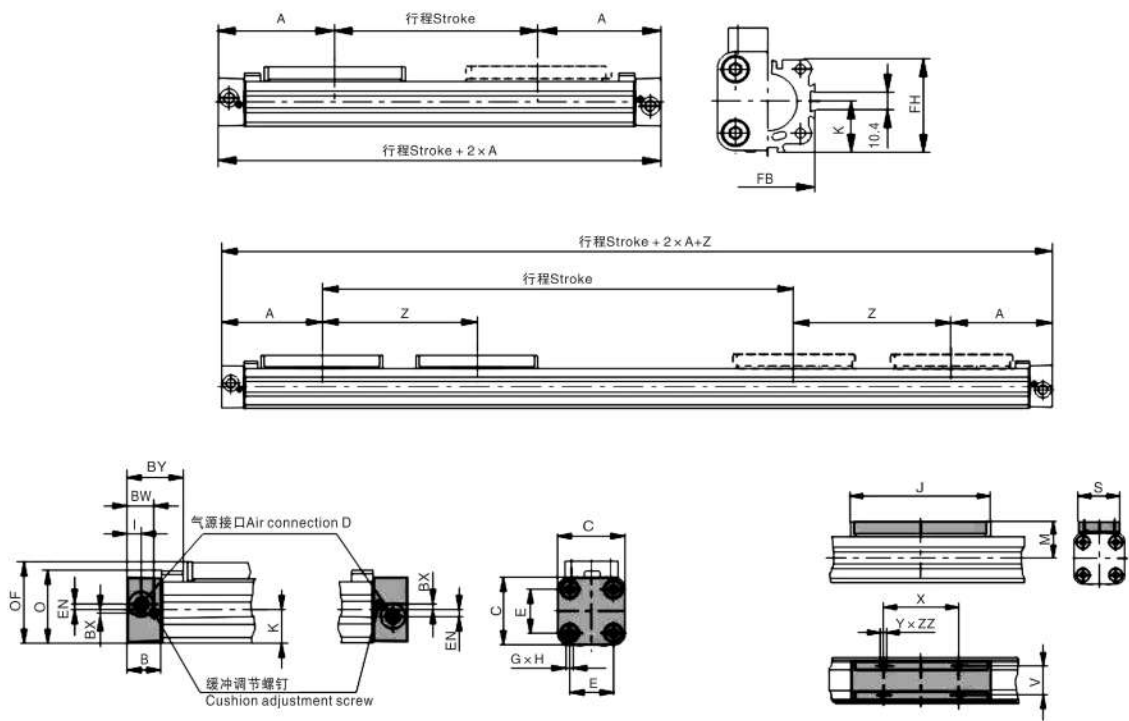
OSP-P系列 OSP-P Series

订购信息 Ordering Information



外型尺寸 Dimension

基本气缸-内径16至32mm
Basic cylinder-16 to 32mm bore



执行元件
Execute equipment

系列 Series	A	B	C	D	E	G	H	I	J	K	M	O	S	V	X	Y	Z	BW	BX	BY	CF	EN	FB	FH	ZZ
OSP-P16	65	14	30	M5	18	M3	9	5.5	69	15	23	33.2	22	16.5	36	M4	81	10.8	1.8	28.4	38	3	30	27.2	7
OSP-P25	100	22	41	G1/8	27	M5	15	9	117	21.5	31	47	33	25	65	M5	128	17.5	2.2	40	52.5	3.6	40	39.5	8
OSP-P32	125	25.5	52	G1/4	36	M6	15	11.5	152	28.5	38	59	36	27	90	M6	170	20.5	2.5	44	66.5	5.5	52	51.7	1