



HYDRAULIC DISC BRAKES /

MAIN FEATURES

Simple structure, reliable technology, stable performance; Selection of high-quality electronic switches; Fully sealed waterproof and dustproof structure; Economical, environmentally friendly and energy-saving.

结构简单、工艺可靠、性能稳定；选用优质电子开关；全密封防水防尘结构；经济、环保、节能。



156PYD /



156PYD 也可以替换成球头把手,该刹把结构紧凑,外观精美,油杯设有注油孔,不用拆除盖子即可实现油量添加及更换,开关采用感应灵敏的干簧管,使用寿命达 10 万次以上,防水等级 IPX7,安装方便快捷,油管可采用常规外走线,也可采用内走线适应不同车架需求。

156PYD can be equipped with ball end lever,It has a compact structure and exquisite appearance. The oil cup is provided with an oil filling hole, and we can bleed and change the oil without removing the cover. It adopts a sensitive dry reed switch, with a service life of more than 100,000 times and a waterproof grade of IPX7. The installation is convenient and fast. The oil tube can be conventional external routing or internal routing to meet the requirements of different frames.

活塞缸径 /Cylinder Diameter	φ 10.35	存储湿度 /Storage Humidity	-20% ~ 80%
电线拉脱力 /Cable pull-out force	≥30N	断电距离 /Cut off distance	8-12mm
防水防尘 /Waterproof and Dustproof	IPX7	刹把使用寿命 /Brake service life	100,000 mating cycle
刹把强度 /Brake Strength	≥450N	把横管安装尺寸 /Handle bar Size	φ 22.2±0.2mm
工作温度 /Working Temperature	-20°C ~ 60°C		



KQ168 /



它具有外形美观小巧、钳体强度高、安装方便、制动性能稳定的特点,可依据实际车型需求选择搭配 156PYD 或者 150PYD/2.

It has an exquisite and compact appearance,high strength of clamp body, convenient installation and stable braking performance. It can be suitable for a variety of ebikes, and users can select the 156PYD or 150PYD/2 based on the ebike types.

活塞缸径 /Cylinder Diameter	φ 21mm	摩擦系数 /Coefficient of friction	0.35 ~ 0.45
制动盘直径 /Rotor size	φ 180mm	最大制动力矩 /Max brake torque	155N.m
制动有效半径 /Effective braking radius	80mm	安装位置 /Installation position	Left side
摩擦片有效面积 /Effect pad area	361mm ²	支架安装孔距 /Bracket mounting hole space	74±0.2mm



150PYDZ/2 /



该刹把适用于三轮车以及 Cargo 车型使用。该刹把结构紧凑,外观精美,油杯容量大,开关改用内置微动开关,耐疲劳 10 万次以上,防水防尘 IP67,可多级驻车,操作简单,单手可实现刹车、驻车,把手跨距可调,适应不同握距需求。

The Disc brake can be applied on tricycles and Cargo bikes,It has a compact structure,exquisite appearance and large oil cup capacity.The inside micro switch can bear fatigue resistant for over 100,000 times,Waterproof and Dustproof is IP67.Multiple parking levels and easy operating. Riders can brake and park with one hand, and the handle span is adjustable to meet the needs of different holding distances.

活塞缸径 /Cylinder Diameter	φ 10.35	存储湿度 /Storage Humidity	-20% ~ 80%
电线拉脱力 /Cable pull-out force	≥80N	断电距离 /Cut off distance	8-15mm
防水防尘 /Waterproof and Dustproof	IP67	刹把使用寿命 /Brake service life	100,000 mating cycle
刹把强度 /Brake Strength	≥450N	把横管安装尺寸 /Handle bar Size	φ 22.2±0.2mm
工作温度 /Working Temperature	-20°C ~ 60°C		



KQ222 /



它具有外形美观小巧、钳体强度高、安装方便、制动力大且稳定的特点,油管可内置也可外置,外置可调整安装角度,可依据实际车型需求选择搭配 156PYD 或者 150PYD/2.

It has an exquisite and compact appearance, high strength of clamp body,convenient installation. High and stable braking performance, the oil tube can be built-in or external. The external has an adjustable angle, and can be matched with various of ebikes of different angles. Users can select the 156PYD or 150PYD/2 based on the ebike types.

活塞缸径 /Cylinder Diameter	4* φ 15	摩擦系数 /Coefficient of friction	0.35 ~ 0.45
制动盘直径 /Rotor size	φ 180mm	最大制动力矩 /Max brake torque	200N.m
制动有效半径 /Effective braking radius	80mm	安装位置 /Installation position	Left side
摩擦片有效面积 /Effect pad area	457mm ²	支架安装孔距 /Bracket mounting hole space	74±0.2mm

ORIGINAL SPARE PARTS BRAKE PADS



LP-12

摩擦系数 /Coefficient of friction	0.40-0.45
热衰退 /Heat Fading	≤35%
剪切强度 /Shear strength	≥3.5MPa
材料 /Material	Resin



LP-16

摩擦系数 /Coefficient of friction	0.40-0.45
热衰退 /Heat Fading	≤35%
剪切强度 /Shear strength	≥3.5MPa
材料 /Material	Ceramics



LP-18

摩擦系数 /Coefficient of friction	0.40-0.45
热衰退 /Heat Fading	≤35%
剪切强度 /Shear strength	≥3.5MPa
材料 /Material	Copper



LP-21

摩擦系数 /Coefficient of friction	0.40-0.45
热衰退 /Heat Fading	≤35%
剪切强度 /Shear strength	≥3.5MPa
材料 /Material	Resin

ORIGINAL SPARE PARTS ROTORS



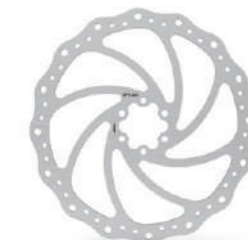
DP3-160

重量 /Weight	92g
材料 /Material	2C13
颜色 /Color	Silver White Color
安装尺寸 /Installation Size	44mm Screw Hole Pitch



DP3-180

重量 /Weight	155g
材料 /Material	2C13
颜色 /Color	Silver White Color
安装尺寸 /Installation Size	44mm Screw Hole Pitch



DP3-203

重量 /Weight	192g
材料 /Material	2C13
颜色 /Color	Silver White Color
安装尺寸 /Installation Size	44mm Screw Hole Pitch



DP8-160

重量 /Weight	128g
材料 /Material	2C13
颜色 /Color	Silver White Color
安装尺寸 /Installation Size	44mm Screw Hole Pitch



DP8-180

重量 /Weight	155g
材料 /Material	2C13
颜色 /Color	Silver White Color
安装尺寸 /Installation Size	44mm Screw Hole Pitch



DP8-203

重量 /Weight	192g
材料 /Material	2C13
颜色 /Color	Silver White Color
安装尺寸 /Installation Size	44mm Screw Hole Pitch

ORIGINAL SPARE PARTS ADAPTER



160F-140R

重量 /Weight	14g
材料 /Material	Aluminum alloy 6061
表面处理 /Surface Treatment	Sandblasting, oxidation
安装尺寸 /Installation Size	51±0.1mm



180F-160R

重量 /Weight	15g
材料 /Material	Aluminum alloy 6061
表面处理 /Surface Treatment	Sandblasting, oxidation
安装尺寸 /Installation Size	51±0.1mm



180FP-160RP

重量 /Weight	14g
材料 /Material	Aluminum alloy 6061
表面处理 /Surface Treatment	Sandblasting, oxidation
安装尺寸 /Installation Size	74.2±0.1mm



180R

重量 /Weight	25g
材料 /Material	Aluminum alloy 6061
表面处理 /Surface Treatment	Sandblasting, oxidation
安装尺寸 /Installation Size	51±0.1mm



203F

重量 /Weight	27g
材料 /Material	Aluminum alloy 6061
表面处理 /Surface Treatment	Sandblasting, oxidation
安装尺寸 /Installation Size	51±0.1mm



203P

重量 /Weight	23g
材料 /Material	Aluminum alloy 6061
表面处理 /Surface Treatment	Sandblasting, oxidation
安装尺寸 /Installation Size	74.2±0.1mm



240PDD /



稳定的压铸生产工艺；隐藏线设计风格；可独立安装的机械铃铛；优质线性霍尔开关，性能可靠。

Stable die-casting production process; Hidden line design style; Mechanical bells that can be independently installed; High-quality linear Hall switches with reliable performance.

标准 /Approval	RoHS
尺寸 /Size	L157mm W118mm H31mm
重量 /Weight	131g
防水 /Waterproof	IPX7
材料 /Material	Aluminum alloy

芯线 /Wiring	2 Pins
电流 /Current	12V/3A
工作温度 /Operating Temperature	-20°C~ 60°C
抗拉力 /Stretching Resistance	≥450N
耐久性 /Durability	100,000 mating cycle



200PHD /



稳定的压铸生产工艺；隐藏线设计风格；可独立安装的机械铃铛；优质线性霍尔开关，性能可靠。

Stable die-casting production process; Hidden line design style; Mechanical bells that can be independently installed; High-quality linear Hall switches with reliable performance.

标准 /Approval	RoHS
尺寸 /Size	L150mm W100mm H60mm
重量 /Weight	130g
防水 /Waterproof	IPX5
材料 /Material	Aluminum alloy

芯线 /Wiring	3 Pins
电流 /Current	Working voltage DC5V Output voltage 0.8-4.2V
工作温度 /Operating Temperature	-20°C~ 60°C
抗拉力 /Stretching Resistance	≥450N
耐久性 /Durability	100,000 mating cycle



NEW

259PDD+LD06 /



稳定的压铸生产工艺；隐藏线设计风格；可独立安装的机械铃铛；优质线性霍尔开关，性能可靠。
Stable die-casting production process; Hidden line design style; Mechanical bells that can be independently installed; High-quality linear Hall switches with reliable performance.

标准 /Approval	RoHS	芯线 /Wiring	2Pins
尺寸 /Size	L152mm W102mm H59mm	电流 /Current	12V/3A
重量 /Weight	125g	工作温度 /Operating Temperature	-20°C~ 60°C
防水 /Waterproof	IPX5	抗拉力 /Stretching Resistance	≥450N
材料 /Material	Aluminum alloy	耐久性 /Durability	100,000 mating cycle



170PHD+LD06 /



稳定的压铸生产工艺；隐藏线设计风格；可独立安装的机械铃铛；优质线性霍尔开关，性能可靠。
Stable die-casting production process; Hidden line design style; Mechanical bells that can be independently installed; High-quality linear Hall switches with reliable performance.

标准 /Approval	RoHS	芯线 /Wiring	3 Pins
尺寸 /Size	L150mm W100mm H60mm	电流 /Current	Working voltage DC5V Output voltage 0.8-4.2V
重量 /Weight	130g	工作温度 /Operating Temperature	-20°C~ 60°C
防水 /Waterproof	IPX5	抗拉力 /Stretching Resistance	≥450N
材料 /Material	Aluminum alloy	耐久性 /Durability	100,000 mating cycle



108PDD+KQ02 /



稳定的压铸生产工艺；带软垫把手，手感更舒适；优质机械开关，性能可靠。
Stable die-casting production process; With padded lever, more comfortable feel; High-quality mechanical switch, reliable performance.

长度 /Length	4 Fingers width	芯线 /Wiring	2 Pins
尺寸 /Size	L156mm W105mm H34mm	电流 /Current	12V/3A
重量 /Weight	Upper pump 120g; lower pump 145g	工作温度 /Operating Temperature	-20°C ~ 60°C
防水 /Waterproof	IPX5	抗拉力 /Stretching Resistance	≥450N
材料 /Material	Aluminum alloy	耐久性 /Durability	100,000 mating cycle



108PDD/2.A /



稳定的压铸生产工艺；后视镜孔安装设计；优质机械开关，性能可靠。
Stable die-casting production process; Rear-view mirror hole installation design; High-quality mechanical switch with reliable performance.

标准 /Approval	RoHS	芯线 /Wiring	2 Pins
尺寸 /Size	L 156mm W 102mm H 34mm	电流 /Current	12V/3A
重量 /Weight	131g	工作温度 /Operating Temperature	-20°C~ 60°C
防水 /Waterproof	IPX5	抗拉力 /Stretching Resistance	≥450N
材料 /Material	Aluminum alloy	耐久性 /Durability	100,000 mating cycle



108PDD/4 /



稳定的压铸生产工艺；带软垫把手，手感更舒适；机械驻车功能；优质机械开关，性能可靠。
Stable die-casting production process; With padded lever, more comfortable feel; Mechanical parking function; High-quality mechanical switch, reliable performance.

标准 /Approval	RoHS	芯线 /Wiring	2 Pins
尺寸 /Size	L170mm W105mm H34mm	电流 /Current	12V/3A
重量 /Weight	125g	工作温度 /Operating Temperature	-20°C~ 60°C
防水 /Waterproof	IPX6	抗拉力 /Stretching Resistance	≥450N
材料 /Material	Aluminum alloy	耐久性 /Durability	100,000 mating cycle



188PHD /



锻造把手强度高;隐藏刹车线、断电线设计;优质线性霍尔开关,性能可靠。Forging lever has good strength; Hidden brake wire and broken wire design; High-quality linear Hall switch with reliable performance.

标准 /Approval	RoHS	芯线 /Wiring	3 Pins
尺寸 /Size	L116mm W113mm H46mm	电压 /Voltage	Working voltage DC5V Output voltage 0.8-4.2V
重量 /Weight	130g	工作温度 /Operating Temperature	-20°C~ 60°C
防水 /Waterproof	IPX7	抗拉力 /Stretching Resistance	≥450N
材料 /Material	Aluminum alloy	耐久性 /Durability	100,000 mating cycle



115PDD+BS143.A /

稳定的压铸生产工艺;经典的流线型设计风格;优质机械开关,性能可靠。Stable die-casting production process; Classic streamline design style; High-quality mechanical switch with reliable performance.

尺寸 /Size	L182.7mm W110.4mm H31mm	电流 /Current	12V/3A
重量 /Weight	116.g	工作温度 /Operating Temperature	-20°C~ 60°C
防水 /Waterproof	IPX5	抗拉力 /Stretching Resistance	≥450N
材料 /Material	Aluminum alloy	耐久性 /Durability	100,000 mating cycle
芯线 /Wiring	2 Pins		



112PDD /



稳定的压铸生产工艺;超长把手;优质机械开关,性能可靠。Stable die-casting production process; Extra long lever; High-quality mechanical switch with reliable performance.

标准 /Approval	RoHS	芯线 /Wiring	2 Pins
尺寸 /Size	L170mm W102mm H34mm	电流 /Current	12V/3A
重量 /Weight	115g	工作温度 /Operating Temperature	-20°C~ 60°C
防水 /Waterproof	IPX5	抗拉力 /Stretching Resistance	≥450N
材料 /Material	Aluminum alloy	耐久性 /Durability	100,000 mating cycle



106PDD.A /



稳定的压铸生产工艺;经典的流线型设计风格;优质机械开关,性能可靠。Stable die-casting production process; Classic streamline design style; High-quality mechanical switch with reliable performance.

标准 /Approval	RoHS	芯线 /Wiring	2 Pins
尺寸 /Size	L 156mm W 102mm H 34mm	电流 /Current	12V/3A
重量 /Weight	125g	工作温度 /Operating Temperature	-20°C~ 60°C
防水 /Waterproof	IPX5	抗拉力 /Stretching Resistance	≥450N
材料 /Material	Aluminum alloy	耐久性 /Durability	100,000 mating cycle



124PDD /



稳定的压铸生产工艺;硬朗、小巧的设计风格;美观的滚花调节螺钉;优质机械开关,性能可靠。Stable die-casting production process; Tough and compact design style; Beautiful knurled adjusting screw; High-quality mechanical switch with reliable performance.

标准 /Approval	RoHS	芯线 /Wiring	2 Pins
尺寸 /Size	L136mm W90mm H34mm	电流 /Current	12V/3A
重量 /Weight	120g	工作温度 /Operating Temperature	-20°C~ 60°C
防水 /Waterproof	IPX6	抗拉力 /Stretching Resistance	≥450N
材料 /Material	Aluminum alloy	耐久性 /Durability	100,000 mating cycle



240PDD/2.A /



稳定的压铸生产工艺;经典的流线型设计风格;优质机械开关,性能可靠。Stable die-casting production process; Classic streamline design style; High-quality mechanical switch with reliable performance.

标准 /Approval	RoHS	芯线 /Wiring	2 Pins
尺寸 /Size	L 157mm W 118mm H 31mm	电流 /Current	12V/3A
重量 /Weight	131g	工作温度 /Operating Temperature	-20°C~ 60°C
防水 /Waterproof	IPX7	抗拉力 /Stretching Resistance	≥450N
材料 /Material	Aluminum alloy	耐久性 /Durability	100,000 mating cycle