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肇庆市唯尼科技有限公司 Zhaoqing WEINI Technology Co., Ltd.

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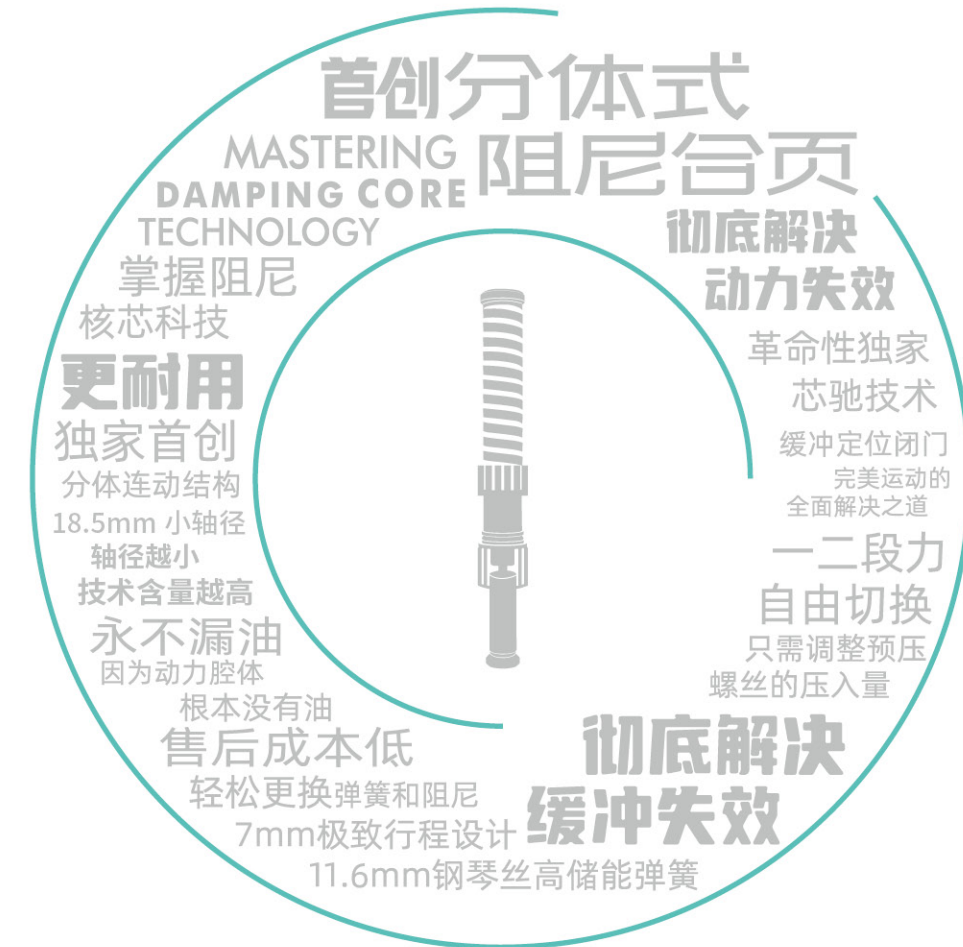
首创分体式阻尼合页

彻底解决漏油和缓冲失效问题

SPLIT-TYPE DAMPING HINGE

Completely solve the problem of oil leakage and buffer failure

唯尼® 为阻尼而生





唯尼科技有限公司是一家集科研、设计、生产的高新企业，拥有国际先进水平高精度的自动化专用装配设备，以领先的技术，现代化的规范管理为基础。

2023 年唯尼颠覆行业传统，创新推出分体式阻尼合页。凭借五大革命性技术突破，彻底解决了传统液压合页的三大难题，推动了阻尼合页的快速普及。

WNEE Technology Co., Ltd. is a high-tech enterprise that integrates scientific research, design, and production. It has internationally advanced high-precision automation specialized assembly equipment, based on leading technology and modern standardized management.

In 2023, WNEE overturned industry traditions and innovatively launched split type damping hinges. With five revolutionary technological breakthroughs, the three major challenges of traditional hydraulic hinges have been completely solved, promoting the rapid popularization of damping hinges.



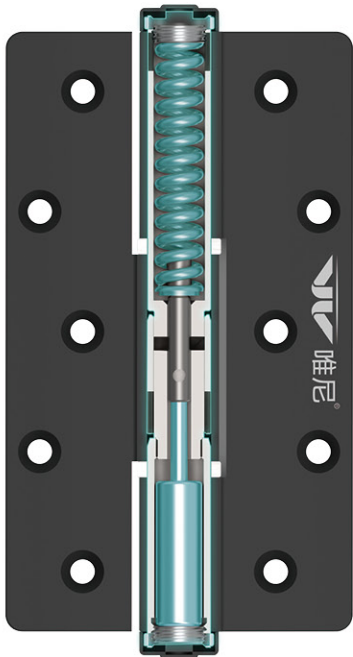
VR 带你走进企业



SPLIT-TYPE DAMPING HINGE

首创分体式阻尼合页

5 大革命性技术突破
彻底解决传统液压合页的 3 大痛点



唯尼分体式阻尼合页
WNEE SPLIT-TYPE DAMPING HINGE

VS

传统一体式液压合页
TRADITIONAL ONE-PIECE HYDRAULIC HINGE

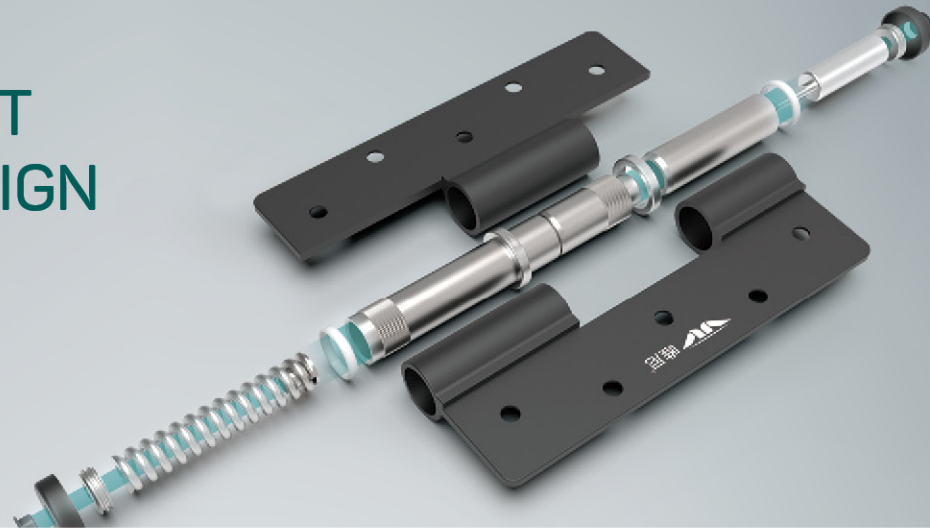
Split Structure Low Loss	分体结构连动 损耗低	一体结构连动 损耗高	One-Piece Structure High Loss
Oil-Free Power Chamber No Oil Leakage	无油动力腔体 不漏油	充油动力腔体 有漏油引患	Oil-Filled Power Chamber Risk Of Oil Leakage
Cushioning Integrated Damper Replaceable	缓冲集成式阻尼器 可更换	通用液压缓冲系统 不可更换	Universal Hydraulic Buffer System Irreplaceable
Removable And Replaceable Springs And Dampers Low After-Sales Cost	弹簧和阻尼器可拆可换 售后成本低	动力和缓冲系统不可拆卸 售后成本高	Power And Cushioning Systems Are Not Removable High After-Sales Cost
18.5mm Small Shaft Diameter The Smaller The Shaft Diameter The Higher The Technical Content	18.5mm 小轴径 轴径越小 技术含量越高	24mm 轴径 轴径大	24mm small shaft diameter Large shaft diameter

INNOVATIVE SPLIT STRUCTURE DESIGN

首创分体连动结构

让更多人用上缓冲合页

Enable more people to use buffer hinges



COMPLETELY SOLVES POWER FAILURE

彻底解决动力失效

7mm 极致行程设计动力输出更稳定更持久

11.6mm 钢琴丝高储能弹簧

独立运作可轻松拆换

Completely solves power failure

7mm ultimate stroke design more stable and long-lasting

power output, 11.6mm piano wire high energy storage spring

Independent operation, easy to disassemble and replace



比传统合页更耐用

首创分体连动结构大大减少
部件损耗

在分体连动结构里，唯尼合页中的弹簧、传动轴和缓冲器是既独立又连动，做到张弛有度，极大地减少了零部件之间的连带损耗，同时与传统液压合页的滑杆式传动轴不同的是，唯尼采用了独家研发的滑珠式传动轴，滑动更轻盈，大幅减少了传动系统结构的磨损。

Pioneering Split Linkage Structure
Greatly reduce component wear and tear



永不漏油

因为动力腔体根本没有油

和传统液压合页不同的是唯尼分体阻尼合页由于动力系统和缓冲系统是独立运行，分体连动的动力腔体内不需要压注液压油因为无油可漏，所以彻底杜绝了缓冲合页，永不漏油的隐患。

Never Oil Leakage Because
The Power Chamber Has No Oil At All



彻底解决缓冲失效

缓冲集成式阻尼器，
全检监测，独立运行，可拆可换

传统液压合页由于缓冲系统和动力系统是一体连动，不可拆分，缓冲系统一旦发生问题，缓冲失效现象将不可逆，最终只能报废合页，而唯尼分体式合页采用革命性独家芯驰技术的缓冲集成式阻尼器，不但每一个阻尼器的力值都能全检监测，品质更稳定，专业阻尼器独立运行，可拆可换，从而彻底地解决了传统液压合页的缓冲失效问题。

Cushioning Integrated Damper, Full Inspection Monitoring,
Independent Operation, Detachable And Interchangeable.



11.6mm
钢琴丝高负荷
弹簧

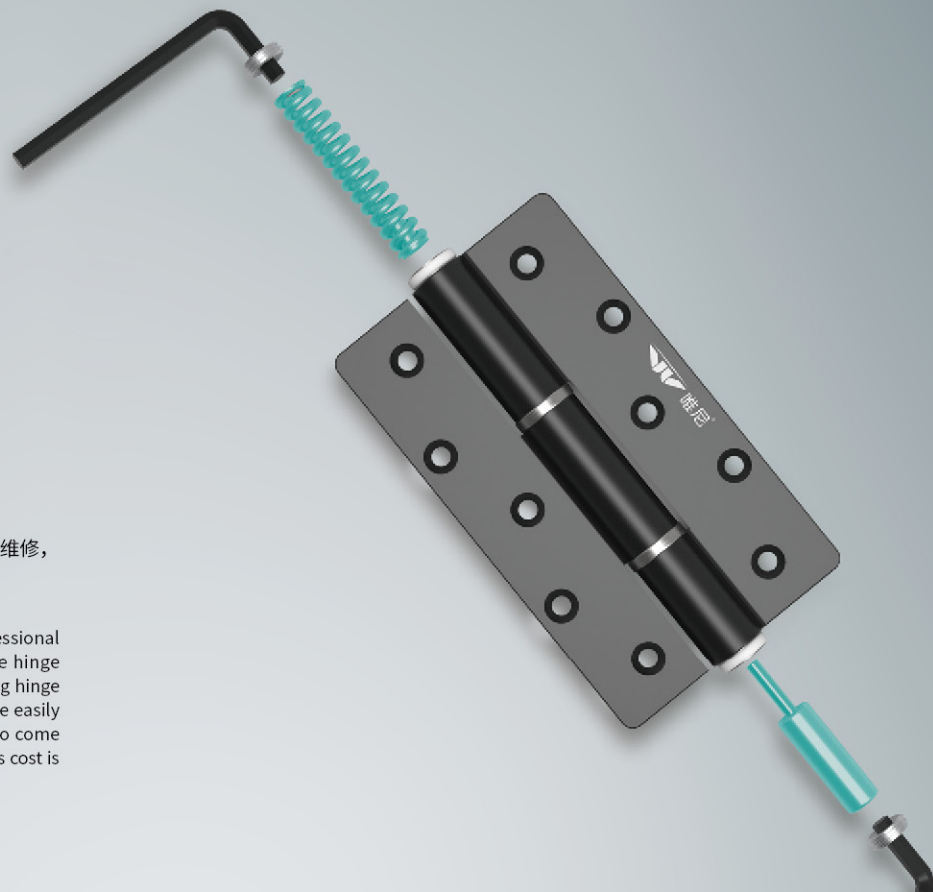
LOW AFTER-SALES COST

比传统合页售后成本更低

轻松更换弹簧 轻松更换阻尼

传统液压合页一旦发生售后问题，需要专业的技术人员上门维修甚至更换整个合页，售后成本非常高，而唯尼分体式阻尼合页由于弹簧和阻尼器等零部件可轻松拆换，普通人都能按照指引快速处理，所以根本不需要专业的技术人员上门维修，更不需要更换整个合页，所以售后成本非常低。

Easy spring & damping replacement
Once after-sales problems occur with traditional hydraulic hinges, professional technicians will need to come to repair them. Even replacing the entire hinge requires very high after-sales costs. However, the Wnee split-type damping hinge can be easily replaced because parts such as springs and dampers can be easily solved by ordinary people. It does not require professional technicians to come to repair, let alone The entire hinge needs to be replaced, so the after-sales cost is very low.



一二段力自由切换

只需调整预压螺丝的压入量

Just Adjust The Amount
Of Pre Pressing Screws Pressed In



四合一功能设计

集闭门器、合页、门吸、定位器四合一功能，一二段力可自由轻松切换，实现扇门缓冲、定位、闭门完美运动的全面解决之道。

Buffer system runs independently
When the hinge exceeds its service life and the damping force gradually weakens, it can be replaced with a new damper to restore its original appearance.



合页



门吸



闭门器



定位器

175°

大门最大开启角度为175°
并开启定位功能

The maximum
opening angle is 175 °,
And activate the positioning function

0°

20°

大门在20°以下阻尼闭锁关门
The door is locked with damping below 20°.

0°-85°

大门在85°以下自动关闭
产品自带缓冲阻尼系统

The door automatically closes below 85 °,
and the product comes with a buffer damping system.

85°-130°

大门在85°-130°实现任意悬停功能
The gate can achieve any hovering
function from 85° to 130°

F SERIES
Split-type Damping Hinge
F型分体式阻尼合页



WN-F01 F 型分体式阻尼合页

可选颜色 / FOUR COLORS AVAILABLE



轻奢金
Golden



闪耀银
Silver

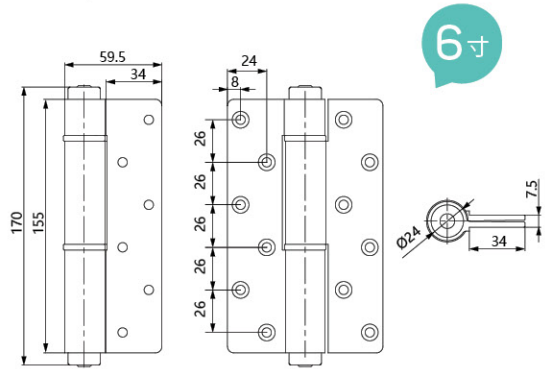


皓月黑
Black



魅影灰
Grey

尺寸图 / DIMENSION



尺寸 / Size	155mmx95mm	使用寿命 / Service life	开合 50 万次 Open and close 500,000 times
承重 / Bearing	≤ 100kg	适用温度 / Temperature	-30° C-60° C
重量 / Weight measurement	400g/ 片	适用门类 / Apply	防火门, 木门, 入户钢门, 铝合金门等 Fire doors, wooden doors, steel entrance doors, aluminum alloy doors, etc
材质 / Material	太空铝 Space aluminum	产品功能 / Function	自动闭门, 阻尼缓冲, 定位, 防风, 静音入锁等 Automatic door closing, damping and buffering, positioning, windproof, silent locking, etc
开槽尺寸 / Slot size	长 Length: 156mm, 宽 Width: 35mm, 深 Depth: 4mm	产品特性 / Characteristic	弹簧, 阻尼器可更换, 耐用环保 Springs and dampers are replaceable, durable and environmentally friendly
安装方向 / Direction	不分左右 No distinction between left and right		

独家专利
Exclusive Patented

耐用结构
Durable structure

不漏油
Never oil leakage

可拆卸式
Removable changeover

售后成本低
Low after-sales cost

E SERIES
Split-type Damping Hinge
E型分体式阻尼合页

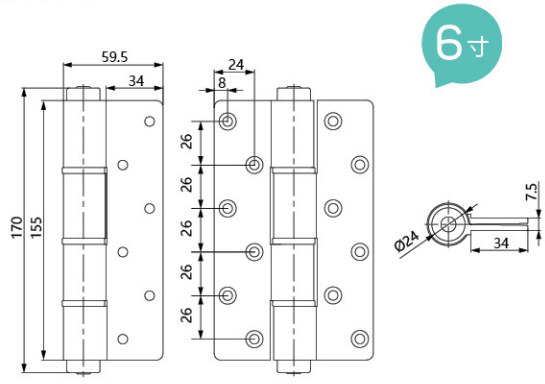


WN-E01 E 型分体式阻尼合页

可选颜色 / FOUR COLORS AVAILABLE



尺寸图 / DIMENSION



尺寸 / Size	155mmx95mm	使用寿命 / Service life	开合 50 万次 Open and close 500,000 times
承重 / Bearing	≤ 100kg	适用温度 / Temperature	-30° C-60° C
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独家专利
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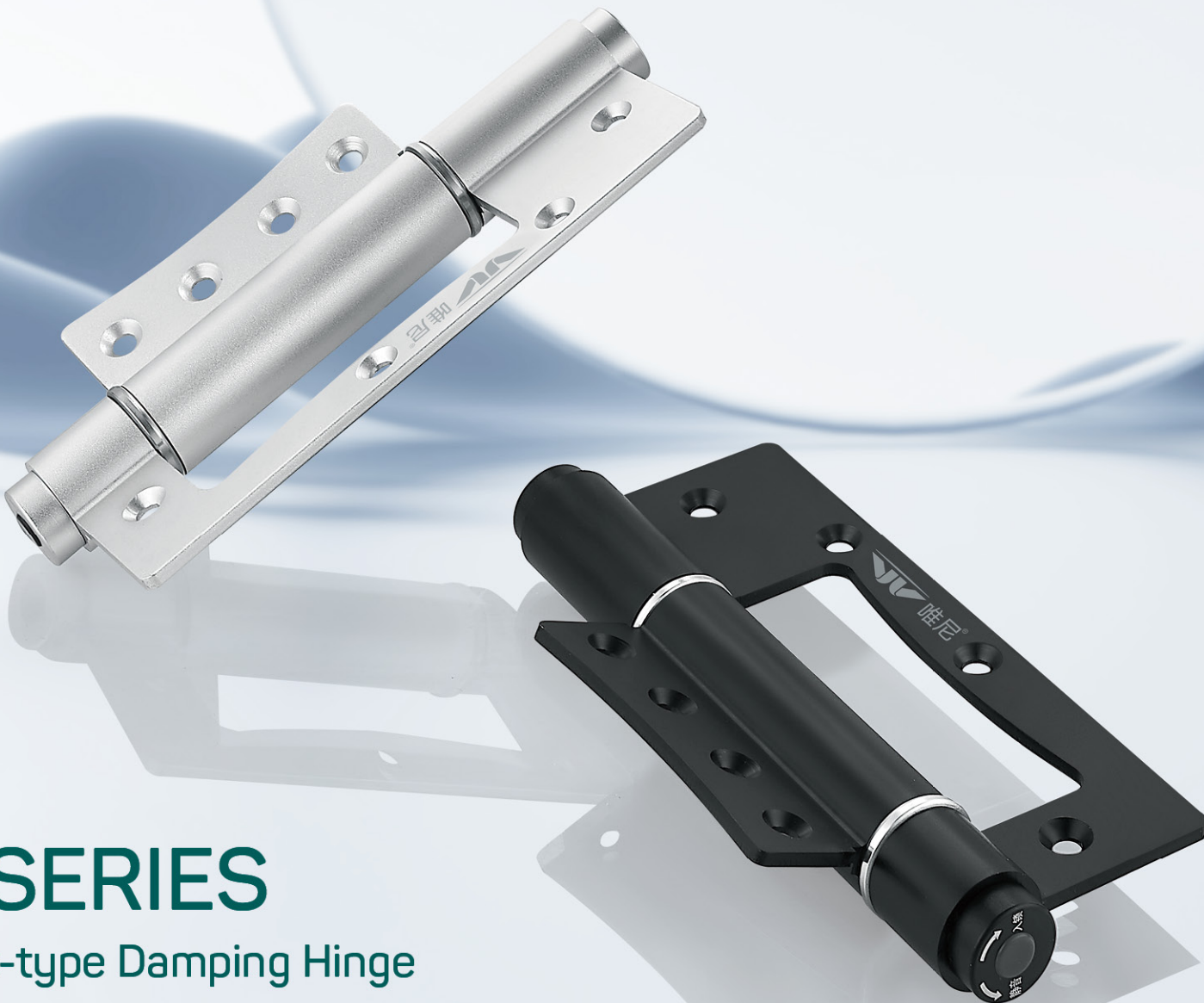
耐用结构
Durable structure

不漏油
Never oil leakage

可拆卸式
Removable changeover

售后成本低
Low after-sales cost

C SERIES
Split-type Damping Hinge
子母分体式阻尼合页

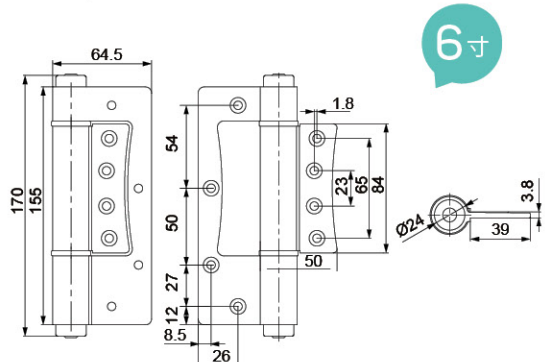


WN-C01 子母分体式阻尼合页

可选颜色 / FOUR COLORS AVAILABLE



尺寸图 / DIMENSION



尺寸 / Size	155mmx91mm	使用寿命 / Service life	开合 50 万次 Open and close 500,000 times
承重 / Bearing	≤ 100kg	适用温度 / Temperature	-30° C-60° C
重量 / Weight measurement	400g/ 片	适用门类 / Apply	防火门, 木门, 入户钢门, 铝合金门等 Fire doors, wooden doors, steel entrance doors, aluminum alloy doors, etc
材质 / Material	太空铝 Space aluminum	产品功能 / Function	自动闭门, 阻尼缓冲, 定位, 防风, 静音入锁等 Automatic door closing, damping and buffering, positioning, windproof, silent locking, etc
开槽尺寸 / Slot size	免开槽 No slotting required	产品特性 / Characteristic	弹簧, 阻尼器可更换, 耐用环保 Springs and dampers are replaceable, durable and environmentally friendly
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Exclusive Patented

耐用结构
Durable structure

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Low after-sales cost

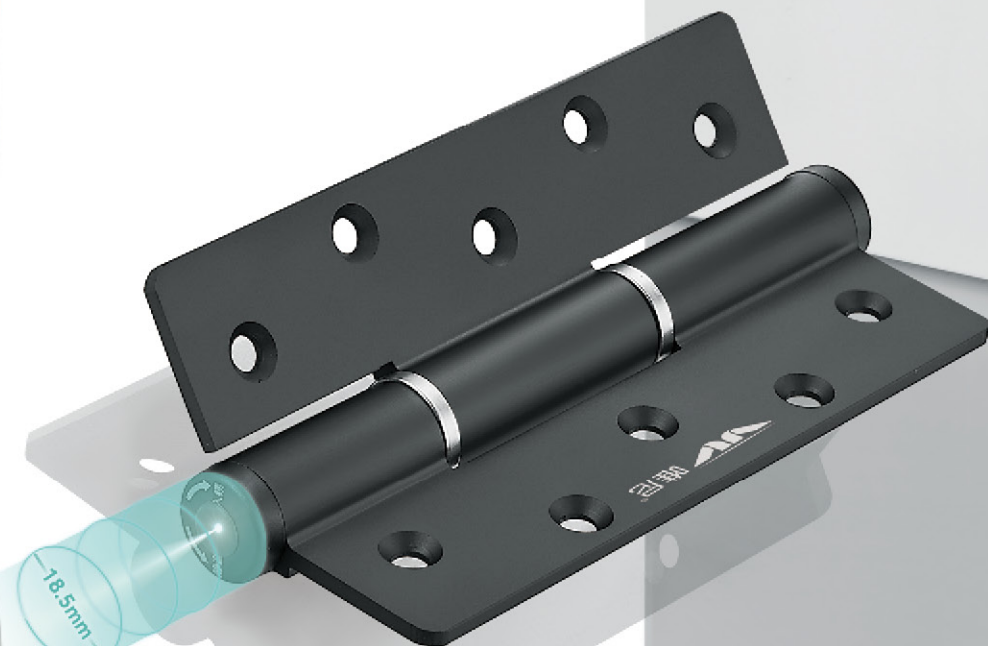


18.5mm

SPLIT-TYPE DAMPING HINGE

分体式阻尼合页

轴径越小，技术含量越高



防撞自动回弹

门吸 130°

任意
停留区

85°

防风缓冲
区

20°
入锁区



SF SERIES

Split-type Damping Hinge

18.5 分体式阻尼合页
轴径越小，技术含量越高

WN-SF01 18.5 分体式阻尼合页

可选颜色 / FOUR COLORS AVAILABLE



轻奢金
Golden



闪耀银
Silver

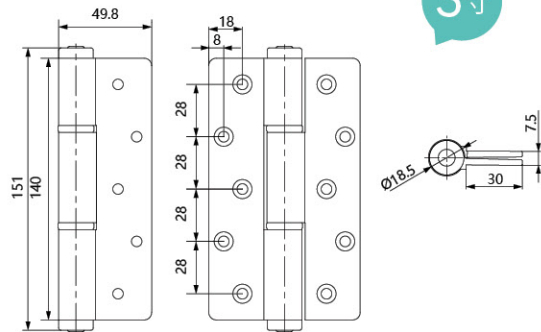


皓月黑
Black



魅影灰
Grey

尺寸图 / DIMENSION



尺寸 / Size	140mmx81mm	使用寿命 / Service life	开合 30 万次 Open and close 300,000 times
承重 / Bearing	≤ 25kg/ 片 Slice	适用温度 / Temperature	-30° C-60° C
重量 / Weight measurement	250g/ 片 Slice	适用门类 / Apply	防火门, 木门, 入户钢门, 铝合金门等 Fire doors, wooden doors, steel entrance doors, aluminum alloy doors, etc
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安装方向 / Direction	不分左右 No distinction between left and right		



独家专利
Exclusive Patented



耐用结构
Durable structure



不漏油
Never oil leakage



可拆卸式
Removable changeover



售后成本低
Low after-sales cost



SC SERIES

Split-type Damping Hinge

18.5 子母分体式阻尼合页

轴径越小，技术含量越高



WN-SC01 18.5 子母分体式阻尼合页

可选颜色 / FOUR COLORS AVAILABLE



轻奢金
Golden



闪耀银
Silver

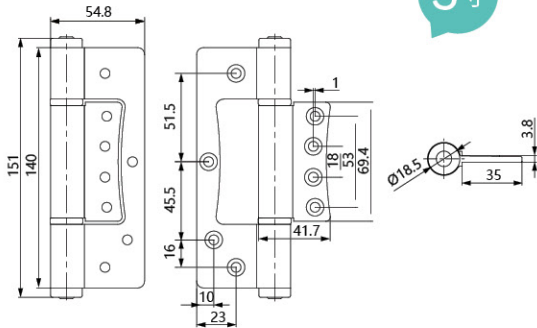


皓月黑
Black



魅影灰
Grey

尺寸图 / DIMENSION



尺寸 / Size	140mmx77.9mm	使用寿命 / Service life	开合 30 万次 Open and close 300,000 times
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独家专利
Exclusive Patented



耐用结构
Durable structure



不漏油
Never oil leakage



可拆卸式
Removable changeover



售后成本低
Low after-sales cost

PIONEERING 18.5MM
PULL OUT NO ADJUSTMENT REQUIRED
SPLIT-TYPE DAMPING HINGE

首创18.5mm拔钉免调节
分体式阻尼合页



拔钉式免调节设计

免调节设计让您安装更便捷
Pull nail type adjustable design
Non adjustable design makes
installation more convenient for you



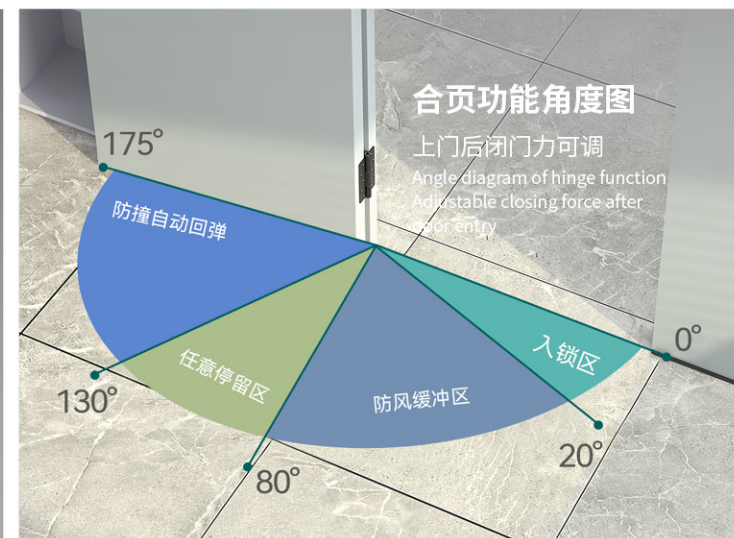
突破行业极限

首创 18.5mm 管径
轴径越小，技术含量越高
Breaking through the limits of the
industry
Pioneering 18.5mm pipe diameter
The smaller the shaft diameter, the
higher the technical content



合页功能角度图

上门后闭门力可调
Angle diagram of hinge function
Adjustable closing force after
door entry



NEW
18.5mm
拔钉免调节

SFM SERIES

18.5 Pull Out No adjustment required
Split-type Damping Hinge

18.5 拔钉免调节分体式阻尼合页

WN-SFM01 18.5 拔钉免调节分体式阻尼合页

可选颜色 / FOUR COLORS AVAILABLE



轻奢金
Golden



闪耀银
Silver

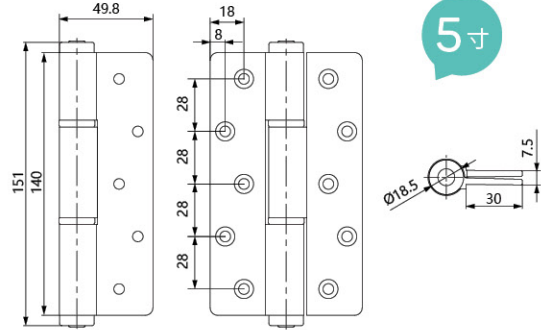


皓月黑
Black



魅影灰
Grey

尺寸图 / DIMENSION



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安装方向 / Direction	不分左右 No distinction between left and right		



首创分体
结构连动



拔钉式
免调节设计



首创 18.5mm
超小轴径



耐低温工作
闭门速度不变



创新滑珠
式传动



弹簧和阻尼器
可拆可换



缓冲集成
阻尼器



免调节安装
只需 3 步



SCM SERIES

18.5 Pull Out No adjustment required
Split-type Damping Hinge

18.5 子母拔钉免调节分体式阻尼合页

WN-SCM01 18.5 拔钉免调节分体式阻尼合页

可选颜色 / FOUR COLORS AVAILABLE



轻奢金
Golden



闪耀银
Silver

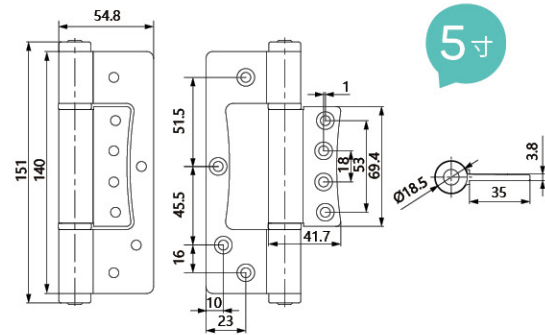


皓月黑
Black



魅影灰
Grey

尺寸图 / DIMENSION



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首创分体
结构连动



拔钉式
免调节设计



首创 18.5mm
超小轴径



耐低温工作
闭门速度不变



创新滑珠
式传动



弹簧和阻尼器
可拆可换



缓冲集成
阻尼器



免调节安装
只需 3 步



MF SERIES

Split-type Damping Hinge

18.5 分体式阻尼合页
轴径越小，技术含量越高



WN-MF01 18.5 分体式阻尼合页

可选颜色 / FOUR COLORS AVAILABLE



轻奢金
Golden



闪耀银
Silver

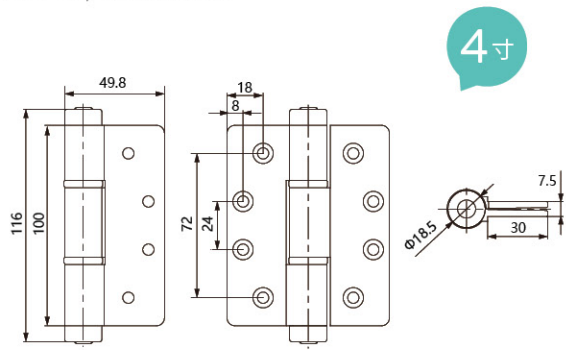


皓月黑
Black



魅影灰
Grey

尺寸图 / DIMENSION



尺寸 / Size	100mmx81mm	使用寿命 / Service life	开合 15 万次 Open and close 150,000 times
承重 / Bearing	≤ 25kg/ 片 Slice	适用温度 / Temperature	-30° C-60° C
重量 / Weight measurement	186g/ 片 Slice	适用门类 / Apply	防火门, 木门, 入户钢门, 铝合金门等 Fire doors, wooden doors, steel entrance doors, aluminum alloy doors, etc
材质 / Material	太空铝 Space aluminum	产品功能 / Function	自动闭门, 阻尼缓冲, 定位, 防风, 静音入锁等 Automatic door closing, damping and buffering, positioning, windproof, silent locking, etc
开槽尺寸 / Slot size	长 Length: 101mm, 宽 Width: 31mm, 深 Depth: 4mm	产品特性 / Characteristic	弹簧, 阻尼器可更换, 耐用环保 Springs and dampers are replaceable, durable and environmentally friendly
安装方向 / Direction	不分左右 No distinction between left and right		



首创分体
结构连动



首创 18.5mm
超小轴径



耐低温工作
闭门速度不变



创新滑珠
式传动



弹簧和阻尼器
可拆可换



缓冲集成
阻尼器



免调节安装
只需 3 步

XC SERIES
Broken Bridge Hinge
XC 断桥阻尼缓冲合页

WN-XC01 断桥阻尼缓冲合页

可选颜色 / FOUR COLORS AVAILABLE



轻奢金
Golden



闪耀银
Silver

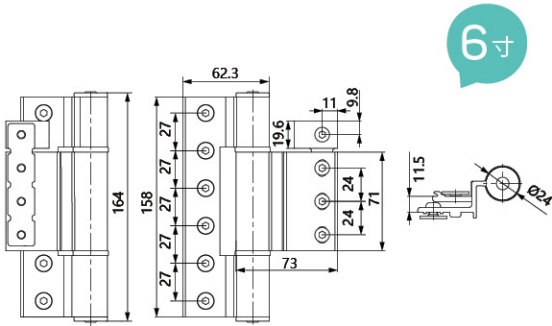


皓月黑
Black



魅影灰
Grey

尺寸图 / DIMENSION



尺寸 / Size	158mmx62.3mm	使用寿命 / Service life	开合 30 万次 Open and close 300,000 times
承重 / Bearing	<100kg/ 片 Slice	适用温度 / Temperature	-30° C-60° C
重量 / Weight measurement	450g/ 片 Slice	适用门类 / Apply	兴发 55 系列型材铝框门 Xingfa 55 series profile aluminum frame door
材质 / Material	太空铝 Space aluminum	产品功能 / Function	自动闭门，阻尼缓冲，定位，防风，静音入锁，可调节门扇高低等 Automatic door closing, damping buffer, positioning, windproof, silent locking, adjustable door leaf height, etc
开槽尺寸 / Slot size	免开槽 No slotting required	产品特性 / Characteristic	弹簧，阻尼器可更换，耐用环保 Springs and dampers are replaceable, durable and environmentally friendly
安装方向 / Direction	不分左右 No distinction between left and right		



独家专利
Exclusive Patented



耐用结构
Durable structure



不漏油
Never oil leakage



可拆卸式
Removable changeover



售后成本低
Low after-sales cost

LOC SERIES

Mother Child Damping Buffer Hinge

LOC 欧标阻尼缓冲合页

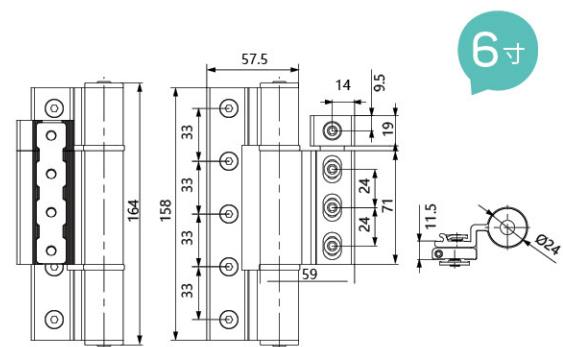


WN-LOC01 欧标阻尼缓冲合页

可选颜色 / FOUR COLORS AVAILABLE



尺寸图 / DIMENSION



尺寸 / Size	158mmx57.5mm	使用寿命 / Service life	开合 30 万次 Open and close 300,000 times
承重 / Bearing	<100kg/ 片 Slice	适用温度 / Temperature	-30° C-60° C
重量 / Weight measurement	400g/ 片 Slice	适用门类 / Apply	欧标系列型材铝框门 European standard series profile aluminum frame door
材质 / Material	太空铝 Space aluminum	产品功能 / Function	自动闭门，阻尼缓冲，定位，防风，静音入锁，可调节门扇高低等 Automatic door closing, damping buffer, positioning, windproof, silent locking, adjustable door leaf height, etc
开槽尺寸 / Slot size	免开槽 No slotting required	产品特性 / Characteristic	弹簧，阻尼器可更换，耐用环保 Springs and dampers are replaceable, durable and environmentally friendly
安装方向 / Direction	不分左右 No distinction between left and right		

独家专利
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耐用结构
Durable structure

不漏油
Never oil leakage

可拆卸式
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售后成本低
Low after-sales cost