



申牌万向轮
SHENPAI Caster®



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全国质量服务热线

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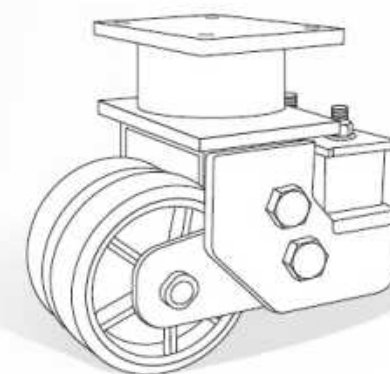
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For further information

www.shenpai.com



注意事项:
手册中的部分产品可能存在升级、更新或替换。如有任何疑问请咨询销售部或者授权经销商。您也可以访问www.shenpai.com获取最新产品信息与参数。
Attention:
Some product information in this catalogue may have updated or modified already. Please do not hesitate to contact us if you have any problem.
You could also visit our website www.shenpai.com for latest information.



工业脚轮V3.2

产品手册

Industrial Caster
CATALOGUE



☒ 中文/English

☐ 中文/にほんご

☐ 中文/Español

申牌的价值观：

为客户创造价值
竭力提升产品与服务
止于至善的热情



Value of SHENPAI:

SHare value with customer

ENdeavor to improve

PAssion to perfection

完善的市场网络为您提供便捷周到的服务
 Hundreds of authorized agencies, Convenient service all over the world.

国际市场
 International Market



美国 U.S.A	日本 JAPAN	德国 GERMANY	印度 INDIA	英国 UK
巴西 BRAZIL	加拿大 CANADA	韩国 KOREA	澳大利亚 AUSTRALIA	俄罗斯 RUSSIA
阿根廷 ARGENTINA	沙特 SAUDI ARABIA	印尼 INDONESIA	哥伦比亚 COLUMBIA	墨西哥 MEXICO
卡塔尔 QATAR	孟加拉 BENGAL	泰国 THAILAND	厄瓜多尔 ECUADOR	阿联酋 THE UNITED ARAB EMIRATES
马来西亚 MALAYSIA	新西兰 NEW ZEALAND	越南 VIETNAM	玻利维亚 BOLIVIA	巴基斯坦 PAKISTAN
挪威 NOWWAY	乌兹别克斯坦 UZBEKISTAN	秘鲁 PERU		

中国市场
 Domestic Market



华北地区:北京市、天津市、河北省、山西省、内蒙古自治区
 东北地区:辽宁省、吉林省、黑龙江省
 华东地区:上海市、江苏省、浙江省、安徽省、福建省、江西省、山东省
 华中地区:河南省、湖北省、湖南省
 华南地区:广东省、海南省、广西壮族自治区、台湾、香港
 西南地区:重庆市、四川省、贵州省、云南省、西藏
 西北地区:陕西省、甘肃省、宁夏回族自治区、新疆

i6 脚轮选型指南

怎样选择一款适合您需求的脚轮



使用脚轮是为了减轻劳动强度,提高移动效率。那根据您的使用的方式,环境和需求如何正确的选择脚轮,请参考以下几点:

01 计算承载重量

在您决定购买脚轮之前,您首先得知道您购买的这个脚轮需要承载多重,因为脚轮的载重、大小、材质等因素都会跟脚轮的价格有直接关系,那么首先该如何计算单个脚轮需要承载的重量呢?

单个脚轮需要承载的重量计算如下

$$T = \frac{E+Z}{n} \times s$$

T= 单个脚轮所需承载能力

n= 计划安装脚轮的数量

E= 运输设备的自重

s= 安全系数

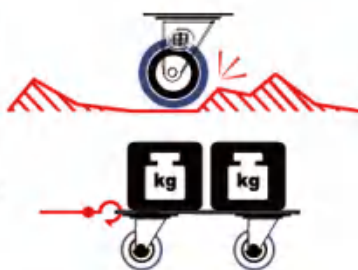
Z= 最大加载量

安全系数s会受速度、轮径以及障碍物高度的影响,考虑到标准使用条件(光滑地面,匀速,负载分布均匀,直行,环境温度为15°C~30°C)与实际使用条件存在偏差,所以具体可分为四个类别:

1. 在室内区域手动输送(障碍物高度<轮径的5%):安全系数:1.0至1.5
2. 在室外区域手动输送(障碍物高度>轮径的5%):安全系数:1.5至2.2
3. 在室内区域机动输送(障碍物高度<轮径的5%):安全系数:1.4至2.0
4. 在室外区域机动输送:安全系数:2.0至3.0

使用注意事项:如不地面平,速度高都要把安全系数提高。(参照前面计算载重的内容,安全系数S)

1. 请避免在凹凸严重的地面上使用,在凹凸不平的路面会缩短脚轮寿命。
2. 请避免利用动力对车轮进行超过4km/h的牵引等操作,脚轮会因此受损,可能会造成事故或伤害。



02 选择轮片材质

相信在您确定了脚轮的载重之后,接下来的选择会更加有针对性。申牌V3.2样本根据载重将所有产品依次分为微型、轻型、中型、中重型、重型、超重型及(特殊的45A系列-99D系列)。

脚轮的材质通常有尼龙(浇注尼龙和注塑尼龙),聚氨酯,聚丙烯,橡胶,发泡橡胶,人造胶,充气橡胶,铸铁等多种材质。所以不同的使用环境中需要您选择不同材质的脚轮。

铺有地毯、环氧地坪漆、瓷砖或者木质地板的地面

如车间、医院、学校、酒店、办公场地

选择橡胶、人造胶或者聚氨酯等软质材料的脚轮,不仅能有效的起到保护地面的作用,还能最大限度的降低噪音。

铺有水泥、沥青、铁板、或砖头等相对不平整的路面

如车间、工地、公路

选择尼龙、聚氨酯、聚丙烯或者铸铁等硬质材质的脚轮既能满足载重,而且相比软质的材料更加耐用,也更加省力。这里要说的是:聚氨酯和橡胶这两种材料它可以通过调整轮面的硬度做成相应的软质轮或者硬质轮。

比较特殊的环境

如高温环境、酸碱度比较高的环境

如高温环境,可以选择耐高温的尼龙轮。

如酸碱度比较高的环境,可以选择耐化学腐蚀性出色的聚氨酯轮或者橡胶轮。

另外在高温高湿、低温、防静电等特殊环境,都可以选择相应材质的脚轮。

具体请参考P19-20《轮面材质的选择》。

03 选择安装方式

脚轮的安装方式常见的有平底安装(螺丝或者焊接),丝杆安装,插轴安装,孔顶安装,夹板安装,不同的运输设备决定了您要选择不同的安装方式,这里需要关心的就是底板的安装孔距和丝杆、螺杆的直径以及长度。

其他选择

如果您需要的并不是有特殊性能的产品,相信通过前面三个步骤的选择之后你已经有了自己的答案。

前面选择轮片的时候我们讲了不同的使用环境需要您选择不同材质的轮片。这里我们要说的是,同样的轮片材质,不同的轮型结构和大小会给您不同的使用感受,弧形的轮面结构因为与地面的接触面积小,摩擦力小,推行起来相比平面会更加省力,但是弧形的轮面因为与地面的接触面积小,单位面积承受的载荷更多,所以它的额定载重要低。

轮径越大,面对障碍物时的通过性越高,所以更加省力。

滚珠轴承转动灵活,静音。滚针轴承负载高,转动灵活性不及滚珠轴承。

支架的偏心距越大,启动推力越小。

所以选择一款能满足自己需求的脚轮产品,要根据您需求重点依次选择,

i6 HOW TO SELECT A CASTER FOR YOUR REQUIREMENTS



01 Load Capacity/wheel and Caster Types

Casters are used to reduce labor intensity and improve movement efficiency. How to select the caster according to your usage, environment and requirement

In order to determine the required load capacity of a wheel or caster, the dead weight of transport unit, the maximum additional load and the number of wheels and casters to be used must be known. By using four or more wheels or casters can vary.

The required load capacity can be defined as follows:

$$T = \frac{E+Z}{n} \times S$$

T=Required load capacity of the wheel or caster

E=Dead weight of the transport unit

Z=Maximum additional load

n=Number of wheels or casters used

S=Safety factor

The safety factor S reflects the deviation from the standard application conditions (even floor, walking speed, load must act equally on all wheels or casters, straight travelling, ambient temperatures between 15℃ and 30℃). The safety factor is influenced by the speed and the ratio between wheel ø and height of the obstacles. A distinction is drawn between four categories:

1. Indoor manual transport (height of the obstacles < 5% of the wheel ø): Safety factor: 1.0 to 1.5
2. Outdoor manual transport (height of the obstacles > 5% of the wheel ø): Safety factor: 1.5 to 2.2
3. Indoor power driven transport (height of the obstacles < 5% of the wheel ø): Safety factor: 1.4 to 2.0
4. Outdoor power driven transport: Safety factor: 2.0 to 3.0

02 How to select wheel material

I believe that after you have determined the load of the casters, the following choices will be more targeted. All products are classified into mini, light, medium, medium heavy, heavy, super-heavy and (special 45A series -99D series) according to the product manual of SHENPAI V3.2.

The casters are usually made of nylon (casting nylon and injection nylon), polyurethane, polypropylene, rubber, foam rubber, artificial rubber, inflatable rubber, cast iron and other materials. Therefore, you need to choose casters of different materials in different usage environments.

Where there is carpet, epoxy floor paint, tile or wooden floor, such as workshop, hospital, school, hotel, office space, then the selection of soft materials such as rubber, artificial rubber or polyurethane casters can not only effectively protect the ground, but also minimize noise.

On relatively uneven pavement such as cement, asphalt, iron plate, or brick, such as in workshops, construction sites, highways, then choose rigid casters such as nylon, polyurethane, polypropylene or cast iron to meet the load, and more durable and less labor intensive than soft materials. The point here: polyurethane and rubber are two materials that can be made into a soft or hard wheel by adjusting the hardness of the wheel face.

In addition, special environment, such as high temperature environment, can choose high temperature nylon wheels. For example, in an environment with high PH, you can choose a polyurethane wheel or a rubber wheel with excellent chemical corrosion resistance. In addition, high temperature, high humidity, low temperature, anti-static and other special environment, can be selected Casters with corresponding materials. Please refer to P9 for details.

03 Installation options

The installation methods of casters are as follows: flat bottom installation (screw or welding), screw rod installation, shaft installation, hole top installation, plywood installation. Different transportation equipment determines the installation methods you need to choose. What you need to pay attention to is the mounting hole distance of the bottom plate, diameter and length of screw rod and screw rod.

Others

If you don't need a product with special features, you may have an answer after the first three steps.

When we talked about the different of using environment requires you to choose different material of wheel, here we want to say that the same round piece of material, different wheel type structure and size will give you the different use feelings, and wheel surface structure because of small touch with the ground area, low friction, pushing up will be more effort, but the surface touch with the ground area is small, more loads per unit area, so its rated load is important.

The larger of wheel diameter, the easier pass when facing obstacles, so it is more labor-saving.

Ball bearing rotates flexibly and silent, Needle roller bearing with higher load but less rotational flexibility than ball bearing.

The larger eccentricity of bracket, the smaller of starting thrust.

So choose a caster product that can meet your needs. Must be according to your request that can achieve the highest cost performance!



材料定制 MATERIAL CUSTOMIZATION

我们精通脚轮材料,无论是聚氨酯,橡胶和尼龙。
We are experts of caster materials ,like PU,rubber and nylon.

材料介绍 MATERIALS INTRODUCTION

材料代号 Material code	材料特性 Material properties	应用案例 Application cases
聚氨酯材料 PU MATERIAL		
TEA#	量产经济型 Mass production economy	普通重载脚轮 Ordinary heavy-duty caster
TCL#	高性能耐生热 High performance heat resistance	高速重载脚轮 High-speed heavy-duty caster
TPG#	耐水耐低温聚氨酯 Water and low temperature resistant polyurethane	耐低温耐湿度脚轮 Caster with low temperature and humidity resistance
MMG#	高回弹, 低生热 High rebound, low heat build-up	高性能叉车用轮, 超重型工业轮 High performance forklift wheel, super heavy industrial wheel
MCL#	高性能, 高耐热 High performance, high heat resistance	单轨道产线, 立体仓库用轮 Wheel for monorail production line and stereoscopic warehouse
TLF#	高回弹低生热 high resistance, Heat	高负载麦克娜姆轮用料 Material for high-load Mecanum wheels
UreSHEN®	高性能高耐热高耐磨 High performance, high heat resistance and high wear resistance	游乐设施用轮、盾构机设施用轮 Wheels for amusement facilities and shield machines
橡胶材料: RB MATERIAL		
HRR#	高回弹橡胶轮 High rebound rubber tire	汽车牵引用轮 Wheel for automobile traction
HTP#	耐高温橡胶轮 Heat resistant rubber wheel	高速小轮径胶轮 High-speed small diameter rubber tyre
NIS#	不沾铁屑橡胶轮 Rubber wheel without iron filings	机械加工工厂 Machining plant
尼龙材料: NL MATERIAL		
CNL#	浇铸尼龙 Cast nylon	高载重超重型轮片 High-load heavy duty wheel
PNL#	加压浇铸尼龙 Pressure casting nylon	高载重抗冲击超重型轮片 High-load impact-resistant super heavy wheel

有多种材料配方可供选择,通过注塑、压铸、浇注等不同工艺,达到耐高温高湿,高速高载,耐低温耐水解,阻燃,抗静电等特殊性能要求,可适应各类特殊环境,满足不同客户的需求。
A variety of material formulations are optional. Through injection molding, die casting, pouring and other different processes, special performance requirements are met, such as high temperature, humidity resistance, high speed, high load, low-temperature resistance, hydrolysis resistance, flame retardancy, antistatic electricity and etc., which can adapt to various special environments and meet the needs of different customers.

定制案例 CUSTOM CASE

防轧铁屑橡胶轮
Rubber wheel of anti-puncturing scrap iron



- 高弹性
High elasticity
- 静音效果好
Good mute effect
- 有效防轧铁屑
Effective prevention of puncturing scrap iron

行走驱动轮
Traveling driving wheel



- 高耐磨
High wear resistance
- 耐高温
High temperature resistance
- 耐撕裂
Tear resistance
- 用于AGV低载驱动
For AGV low-load drive

叉车高速轮
High-speed wheel of forklift



- 规格85×80
Specification 85 × 80
- 负载500KG
Load 500kg
- 耐油、耐水
Oil, Water resistance
- 运行速度可达15km/h
The running speed can reach 15km/h

麦克娜姆轮
Mecanum wheel



- 低速高负重
Low speed and high load
- 高回弹
High rebound
- 耐水解
Hydrolysis resistance
- 耐低温
Low-temperature resistance

微型轮系列 Micro Duty

- 10A微型 Micro Duty
- 10B微型(镀铬款)
Micro Duty(Chromed)



1"-3"

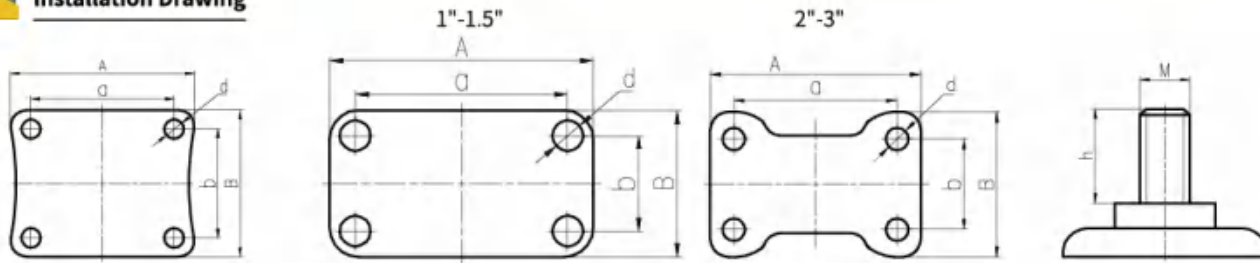
10-50 Kg

● 适用于橱柜、小型设备配套等行业

It is suitable for cabinets, small equipment and other industries.

10A 系列 SERIES 微型 Micro Duty

安装尺寸 Installation Drawing



平底活动 刹车底板
Plate of Swivel Caster

尺寸 D	轮径 D	底板尺寸 A×B	孔距 a×b	孔径 Φd
1"	25	38×33	30×24	4.2
1.25"	32	38×33	30×24	4.2
1.5"	38	46×39	36×28	5.2
2"	50	59×47	46×35	6.2
2.5"	63	70×58	55×42	8.3
3"	75	70×58	55×42	8.3

平底固定底板
Plate of Rigid Caster

尺寸 D	轮径 D	底板尺寸 A×B	孔距 a×b	孔径 Φd
1"	25	36×20	29×13	4.2
1.25"	32	36×20	29×13	4.2
1.5"	38	46×25	36×15	5.2
2"	50	58×40	45×25	6.2
2.5"	63	70×47	55×28	8.3
3"	75	70×47	55×28	8.3

丝杆
Threaded Stem

尺寸 D	轮径 D	丝杆 m×h
1.5"	38	M8×15
2"	50	M10×15
2.5"	63	M12×25
3"	75	M12×25



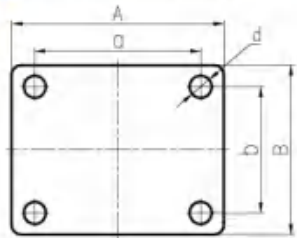
1-3"
10-50 Kg

行走测试标准按3.2km/h检测 Walking test standard according to 3.2km/h

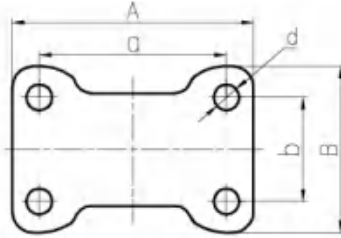
产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重(kg) Capacity	平底固定 Rigid	装箱数 PCs/CTN	平底活动 Swivel	装箱数 PCs/CTN	平底刹车 Swivel with brake	装箱数 PCs/CTN	丝杆活动 Threaded stem swivel	装箱数 PCs/CTN	丝杆刹车 Threaded stem swivel with brake	装箱数 PCs/CTN
 	轮面硬度 Tire Hardness: ●●●●● 硬 Very Hard 耐磨程度 Wearable Level: ■■■■■ 适中 Medium 静音效果 Silent running: ■■■■■ 一般 Medium 地面保护 Floor-protection: ■■■■■ 适中 Medium	75D±3	聚丙烯 Polypropylene	无轴承 None	1"	13	10	10A02-1001	700	10A01-1001	700	-	-	-	-	-
					1.25"	13	16	10A05-1002	500	10A04-1002	500	-	-	-	-	
					1.5"	17	20	10A09-1003	300	10A07-1003	300	10A08-1003	250	10A10-1003	300	
					2"	22	30	10A14-1004	150	10A12-1004	150	10A13-1004	100	10A15-1004	150	
					2.5"	27	40	10A19-1005	80	10A17-1005	80	10A18-1005	60			

10B 系列 SERIES 微型 Micro Duty

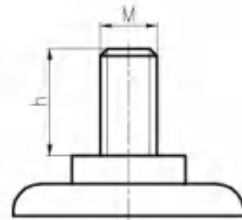
安装尺寸 Installation Drawing



平底活动 刹车底板
Plate of Swivel Caster



平底固定底板
Plate of Rigid Caster



丝杆
Threaded Stem

尺寸 D	轮径 D	底板尺寸 A×B	孔距 a×b	孔径 Φd
1"	25	39×33	30×24	4.3
1.25"	32	39×33	30×24	4.3
1.5"	38	46×39.5	36×28	4.3
2"	50	46×39.5	36×28	5.2

尺寸 D	轮径 D	底板尺寸 A×B	孔距 a×b	孔径 Φd
1"	25	38×30	30×24	4.3
1.25"	32	39×33	30×24	4.3
1.5"	38	46×37.5	36×28	4.3
2"	50	46×38	36×28	5.2

尺寸 D	轮径 D	丝杆 m×h
1"	25	M8×20
1.25"	32	M8×20
1.5"	38	M8×20
2"	50	M10×25



1-2.5"
10-28 Kg

行走测试标准按3.2km/h检测 Walking test standard according to 3.2km/h

产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重(kg) Capacity	平底固定 Rigid	装箱数 PCs/CTN	平底活动 Swivel	装箱数 PCs/CTN	平底刹车 Swivel with brake	装箱数 PCs/CTN	丝杆活动 Threaded stem swivel	装箱数 PCs/CTN	丝杆刹车 Threaded stem swivel with brake	装箱数 PCs/CTN
TEPS 	轮面硬度 Tire Hardness 耐磨程度 Wearable Level 静音效果 Silent running 地面保护 Floor-protection	●●●●● 软 Soft ■■■■■ 良好 Good ■■■■■ 顶级 Excellent ■■■■■ 顶级 Excellent	85±3A 人造胶 Thermoplastic elastomer on plastic core 单滚珠 Single ball bearing	1"	13	10	10B02-1510	650	10B01-1510	650	10B03-1510	550	10B04-1510	650	10B05-1510	550
				1.25"	13	15	10B07-1511	500	10B06-1511	500	10B08-1511	400	10B09-1511	500	10B10-1511	400
				1.5"	17	20	10B12-1512	250	10B11-1512	250	10B13-1512	200	10B14-1512	250	10B15-1512	200
				2"	17	25	10B17-1513	150	10B16-1513	150	10B18-1513	100	10B19-1513	150	10B20-1513	100
NL-N 	轮面硬度 Tire Hardness 耐磨程度 Wearable Level 静音效果 Silent running 地面保护 Floor-protection	●●●●● 硬 Very Hard ■■■■■ 优秀 Very Good ■■■■■ 一般 Medium ■■■■■ 一般 Medium	75D±3 尼龙 Nylon 无轴承 None	1"	13	15	10B02-1514	650	10B01-1514	650	10B03-1					

轻型轮系列 Light Duty

- 15A轻型 (2"-2.5") Light Duty
- 18A轻型 (1.5"-2") Light Duty
- 20C轻型 (3"-4") Light Duty



1.5"-4"

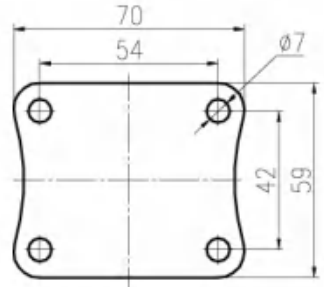
35-90 Kg

- 适用于纺织厂、美容、医疗、机械制造等多种行业

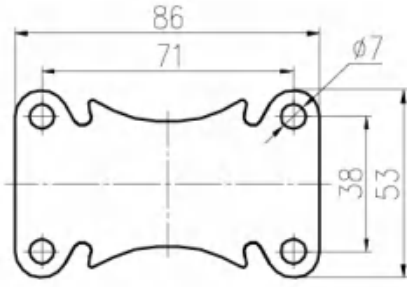
It is suitable for textile industry, beauty treatment, medical treatment, machinery manufacturing, and many other industries.

15A 系列 轻型 Light Duty

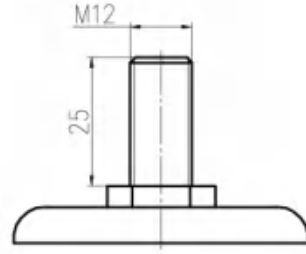
安装尺寸 Installation Drawing



平底活动 刹车底板
Plate of Swivel Caster



平底固定底板
Plate of Rigid Caster



丝杆
Threaded Stem



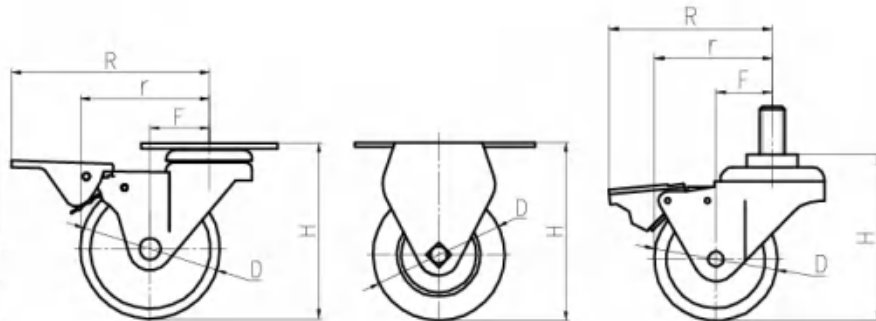
2-2.5"
35-40 Kg

行走测试标准按3.2km/h检测 Walking test standard according to 3.2km/h

产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底固定 Rigid	装箱数 PCs/CTN	平底活动 Swivel	装箱数 PCs/CTN	平底刹车 Swivel with brake	装箱数 PCs/CTN	丝杆活动 Threaded stem swivel	装箱数 PCs/CTN	丝杆刹车 Threaded stem swivel with brake	装箱数 PCs/CTN
PUPA 	轮面硬度 Tire Hardness 耐磨程度 Wearable Level 静音效果 Silent running 地面保护 Floor-protection	95±3A° 塑芯聚氨酯 Polyurethane on plastic core	一体轴承 Annular ball bearing	2" 2.5"	25 25	35 40	15A03-1010 15A08-1011	100 80	15A01-1010 15A06-1011	100 80	15A02-1010 15A07-1011	80 70	15A04-1010 15A09-1011	100 80	15A05-1010 15A10-1011	80 70
	性能参数 适中 Medium 顶级 Excellent 优秀 Very Good 优秀 Very Good															

外形尺寸 Overall Dimensions

尺寸	轮径	平底全高	丝杆全高	偏心距	旋转半径	旋转半径
D	D	H	H	F	r	R
2"	53	72	77	26	52.5	81.5
2.5"	63	85	90	28	59.5	82

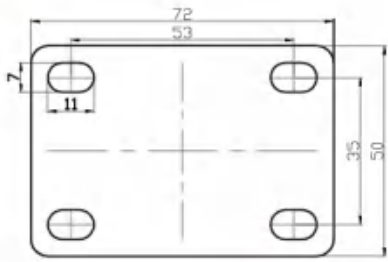


产品特点 Product Features

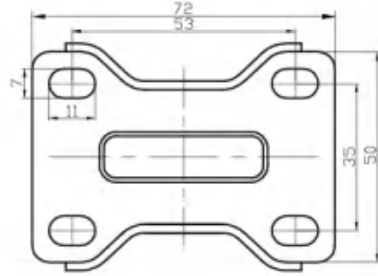
- 镀锌支架 Galvanized bracket
- 底板厚度2mm Thickness of top plate 2mm
- 支架厚度2mm Thickness of bracket 2mm
- 防缠绕设计 Thread proof design
- 适用于纺织行业 Suitable for textile industry

18A 系列 SERIES 轻型 Light Duty

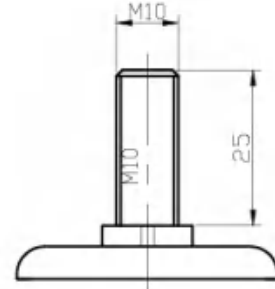
安装尺寸 Installation Drawing



平底活动 刹车底板
Plate of Swivel Caster



平底固定底板
Plate of Rigid Caster



丝杆
Threaded Stem



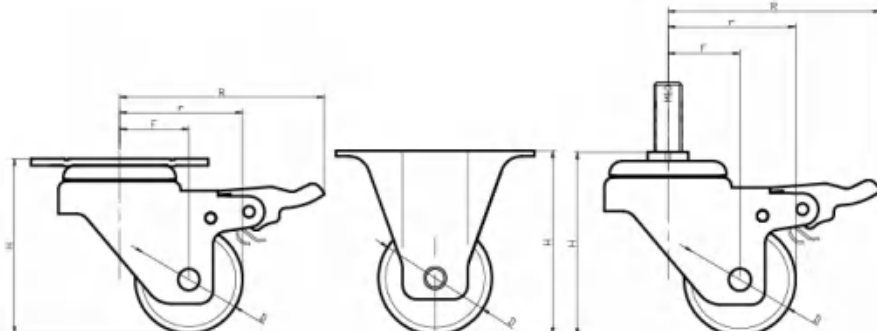
1.5-2"
30-60 Kg

行走测试标准按3.2km/h检测 Walking test standard according to 3.2km/h

产品图片 Product image	性能参数 Performance parameters		轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底固定 Rigid	装箱数 PCs/CTN	平底活动 Swivel	装箱数 PCs/CTN	平底刹车 Swivel with brake	装箱数 PCs/CTN	丝杆活动 Threaded stem swivel	装箱数 PCs/CTN	丝杆刹车 Threaded stem swivel with brake	装箱数 PCs/CTN
PUPB 	轮面硬度 Tire Hardness	●●●●● 硬 Very Hard	聚氨酯 Polyurethane on plastic core	双滚珠 Ball bearing	1.5"	28	40	18A03-1715	120	18A01-1715	120	18A02-1715	100	18A04-1715	120	18A05-1715	100
	耐磨程度 Wearable Level	■■■■■ 顶级 Excellent			2"	28	60	18A08-1716	100	18A06-1716	100	18A07-1716	80	18A09-1716	100	18A10-1716	80
TEPB 	轮面硬度 Tire Hardness	●●●●● 较软 Soft	人造胶 Thermoplastic elastomer on plastic core	双滚珠 Ball bearing	1.5"	28	30	18A03-1718	120	18A01-1718	120	18A02-1718	100	18A04-1718	120	18A05-1718	100
	耐磨程度 Wearable Level	■■■■■ 良好 Good			2"	28	45	18A08-1719	100	18A06-1719	100	18A07-1719	80	18A09-1719	100	18A10-1719	80
	静音效果 Silent running	■■■■■ 优秀 Very Good															
	地面保护 Floor-protection	■■■■■ 优秀 Very Good															

外形尺寸 Overall Dimensions

尺寸	轮径	平底全高	丝杆全高	偏心距	旋转半径	旋转半径
D	D	H	H	F	r	R
1.5"	40	63	66	26	46	78
2"	50	74	77	24	49	78

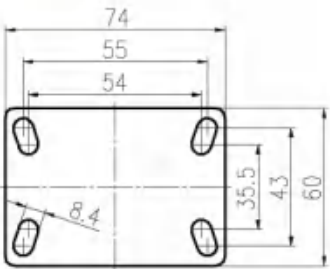


产品特点 Product Features

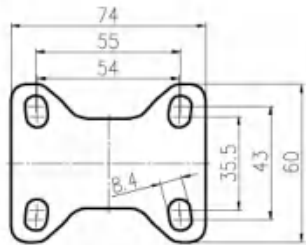
- 镀锌支架 · Galvanized bracket
- 底板厚度2.5mm · Thickness of top plate 2.5mm
- 支架厚度2mm · Thickness of bracket 2mm

20C 系列 轻型 Light Duty

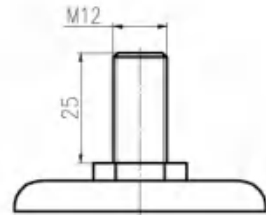
安装尺寸 Installation Drawing



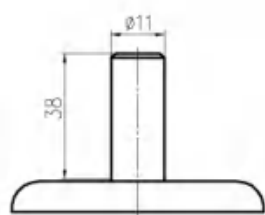
平底活动 刹车底板
Plate of Swivel Caster



平底固定底板
Plate of Rigid Caster



丝杆
Threaded Stem



插杆
Stem of Swivel Caster



3-4"

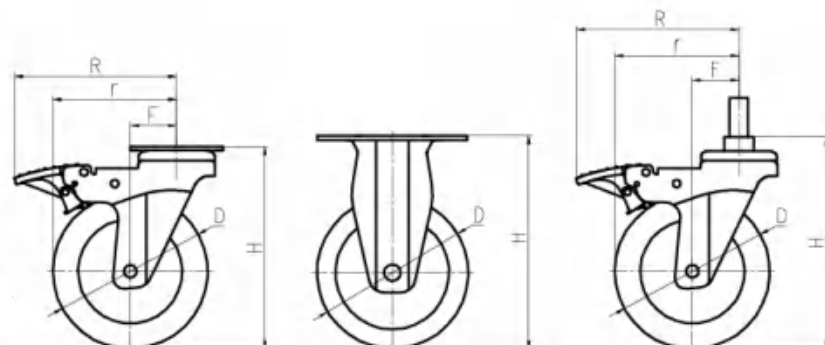
70-90 Kg

TPR产品行走测试标准按3.2km/h检测 TPR products are tested according to 3.2km/h walking test standard

产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底固定 Rigid	装箱数 PCs /CTN	平底活动 Swivel	装箱数 PCs /CTN	平底刹车 Swivel with brake	装箱数 PCs /CTN	丝杆活动 Threaded stem swivel	装箱数 PCs /CTN	丝杆刹车 Threaded stem swivel with brake	装箱数 PCs /CTN	插杆活动 Grip Ring stem swivel	装箱数 PCs /CTN	插杆刹车 Grip Ring stem swivel with brake	装箱数 PCs /CTN	
TEPS 	轮面硬度 Tire Hardness: 较软 Soft 耐磨程度 Wearable Level: 良好 Good 静音效果 Silent running: 顶级 Excellent 地面保护 Floor-protection: 顶级 Excellent	75±3A	人造胶 Thermoplastic elastomer on plastic core	单滚珠 Single ball bearing	3"	25	70	20C21-1397	35	20C19-1397	35	20C20-1397	30	20C28-1397	35	20C29-1397	30	20C42-1397	35	20C43-1397	30
					4"	25	80	20C27-1399	30	20C25-1399	30	20C26-1399	25	20C32-1399	30	20C33-1399	25	20C44-1399	30	20C45-1399	25
PUPS 	轮面硬度 Tire Hardness: 适中 Medium 耐磨程度 Wearable Level: 顶级 Excellent 静音效果 Silent running: 优秀 Very Good 地面保护 Floor-protection: 优秀 Very Good	95±3A*	聚氨酯 Polyurethane on plastic core	单滚珠 Single ball bearing	3"	25	80	20C21-1621	35	20C19-1621	35	20C20-1621	30	20C28-1621	35	20C29-1621	30	20C42-1621	35	20C43-1621	30
					4"	25	90	20C27-1622	30	20C25-1622	30	20C26-1622	25	20C32-1622	30	20C33-1622	25	20C44-1622	30	20C45-1622	25

外形尺寸 Overall Dimensions

尺寸	轮径	平底全高	丝杆全高	偏心距	旋转半径	旋转半径
D	D	H	H	F	r	R
3"	75	105	108	36	73.5	102
4"	100	130	133	34	84	102

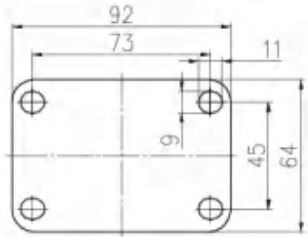


产品特点 Product Features

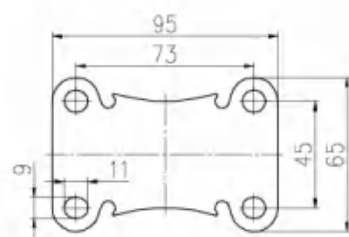
- 喷塑银灰支架
- 底板2.5mm
- 支架2mm
- 有效保护地面
- 产品美观
- 使用轻便
- Powder-coated bracket
- Thickness of top plate 2.5mm
- Thickness of bracket 2

20A 系列 SERIES 中型 Medium Duty

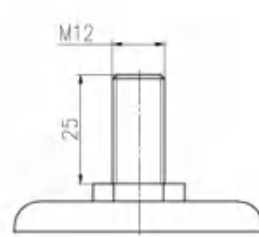
安装尺寸 Installation Drawing



平底活动/ 刹车底板
Plate of Swivel Caster



平底固定底板
Plate of Rigid Caster



丝杆
Threaded Stem

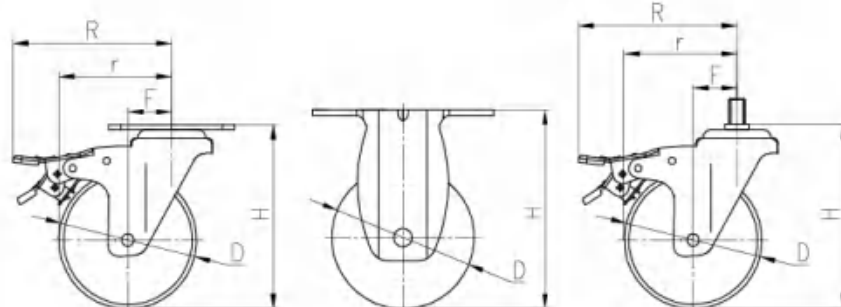


3-5"
100-150 Kg

产品图片 Product image	性能参数 Performance parameters				轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底固定 Rigid	装箱数 PCs/CTN	平底活动 Swivel	装箱数 PCs/CTN	平底刹车 Swivel with brake	装箱数 PCs/CTN	丝杆活动 Threaded stem swivel	装箱数 PCs/CTN	丝杆刹车 Threaded stem swivel with brake	装箱数 PCs/CTN
PUPS 	轮面硬度 Tire Hardness	●●●●● 适中 Medium	95±3A*	超级聚氨酯 Polyurethane on plastic core	单滚珠 Single ball bearing	3"	32	100		20AB1-1354	35	20A01-1354	35	20A3B-1354	30	20A04-1354	35	20A7B-1354	30
	耐磨程度 Wearable Level	■■■■■ 顶级 Excellent				4"	32	130		20AB3-1355	30	20A19-1355	30	20A5B-1355	25	20A22-1355	30	20A9B-1355	25
	静音效果 Silent running	■■■■■ 优秀 Very Good				5"	32	140		20AB4-1356	20	20A28-1356	20	20A6B-1356	15	20A31-1356	20	20A1B-1356	15
PUPB 	轮面硬度 Tire Hardness	●●●●● 适中 Medium	95±3A*	超级聚氨酯 Polyurethane on plastic core	双滚珠 Ball bearing	3"	32	110		20AB1-0370	35	20A01-0370	35	20A3B-0370	30	20A04-0370	35	20A7B-0370	30
	耐磨程度 Wearable Level	■■■■■ 顶级 Excellent				4"	32	140		20AB3-0371	30	20A19-0371	30	20A5B-0371	25	20A22-0371	30	20A9B-0371	25
	静音效果 Silent running	■■■■■ 优秀 Very Good				5"	32	150		20AB4-0372	20	20A28-0372	20	20A6B-0372	15	20A31-0372	20	20A1B-0372	15
	地面保护 Floor-protection	■■■■■ 优秀 Very Good																	

外形尺寸 Overall Dimensions

尺寸	轮径	平底全高	丝杆全高	偏心距	旋转半径	旋转半径
D	D	H	H	F	r	R
3"	75	108	111	34	71.5	116.5
3.5"	88	120	123	32	76	116
4"	100	135	138	32	82	116
5"	125	160	163	32	94.5	121

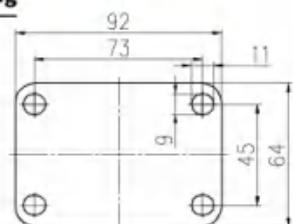


产品特点 Product Features

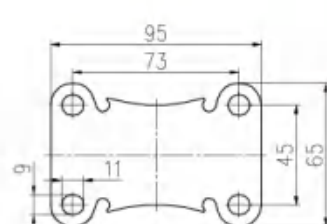
-

20A 系列 SERIES 中型 Medium Duty

安装尺寸 Installation Drawing



平底活动/ 刹车底板
Plate of Swivel Caster



平底固定底板
Plate of Rigid Caster



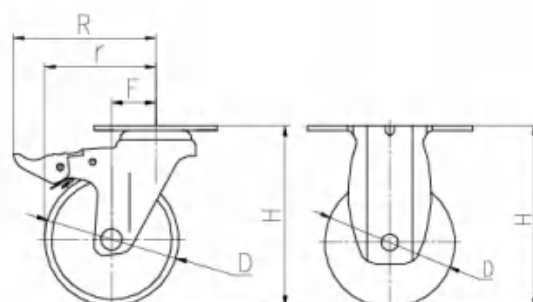
3-5"
100-160 Kg

产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底固定 Rigid	装箱数 PCs/CTN	平底活动 Swivel	装箱数 PCs/CTN	平底刹车 Swivel with brake	装箱数 PCs/CTN
 CICL	轮面硬度 Tire Hardness: 硬 Very Hard 耐磨程度 Wearable Level: 优秀 Very Good 静音效果 Silent running: 较差 Poor 地面保护 Floor-protection: 较差 Poor	铸铁 Cast iron	轴套 Axle sleeve	3"	30	110	20AB1-1037	35	20AC1-1037	35	-	-
				4"	32	150	20AB3-1038	30	20AC2-1038	30	-	-
				5"	32	160	20AB4-1039	20	20AC3-1039	20	-	-
 NH-B	轮面硬度 Tire Hardness: 硬 Very Hard 耐磨程度 Wearable Level: 优秀 Very Good 耐温性能 High-Temp Endurance: 优秀 Very Good 地面保护 Floor-protection: 一般 Medium	高温尼龙 High temperature nylon	双滚珠 Ball bearing	3"	32	100	20AB1-1663	35	20AC1-1663	35	20AC4-1663	30
				4"	32	130	20AB3-1664	30	20AC2-1664	30	20AC5-1664	25
				5"	32	145	20AB4-1665	20	20AC3-1665	20	20AC6-1665	15
 NH-B	轮面硬度 Tire Hardness: 硬 Very Hard 耐磨程度 Wearable Level: 优秀 Very Good 耐温性能 High-Temp Endurance: 顶级 Excellent 地面保护 Floor-protection: 一般 Medium	高温尼龙 High temperature nylon	双滚珠 Ball bearing	3"	32	100	20AB1-1666	35	20AC1-1666	35	20AC4-1666	30
				4"	32	130	20AB3-1667	30	20AC2-1667	30	20AC5-1667	25
				5"	32	145	20AB4-1668	20	20AC3-1668	20	20AC6-1668	15

*尼龙高温轮载重参数是常温状态, 高温下负载≤70%

外形尺寸 Overall Dimensions

尺寸	轮径	平底全高	偏心距	旋转半径	旋转半径
D	D	H	F	r	R
3"	75	108	34	71.5	108.5
4"	100	135	32	82	108.5
5"	125	160	32	94.5	112.5



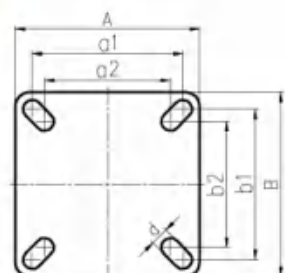
产品特点 Product Features

-

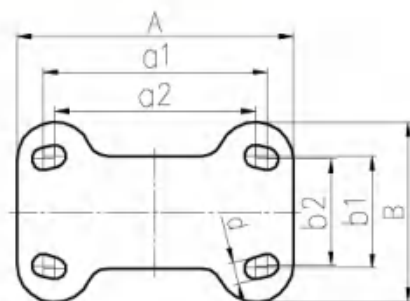
25X 系列 SERIES

中重型(经济配套款) Med-heavy Duty (Economical)

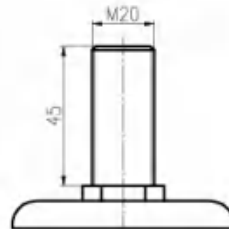
安装尺寸 Installation Drawing



平底活动/ 刹车底板
Plate of Swivel Caster



平底固定底板
Plate of Rigid Caster



丝杆
Threaded Stem

尺寸 D	轮径 D	底板尺寸 A×B	孔距 a1×b1	孔距 a2×b2	孔径 Φd
4"	100	97×97	74×74	67×67	11
5"	125	110×110	90×90	75×75	11
6"	150	120×120	90×90	75×75	11

尺寸 D	轮径 D	底板尺寸 A×B	孔距 a1×b1	孔距 a2×b2	孔径 Φd
4"	100	120×82	90×50	80×45	11
5"	125	120×82	90×50	80×45	11
6"	150	138×90	112×56	100×53	11

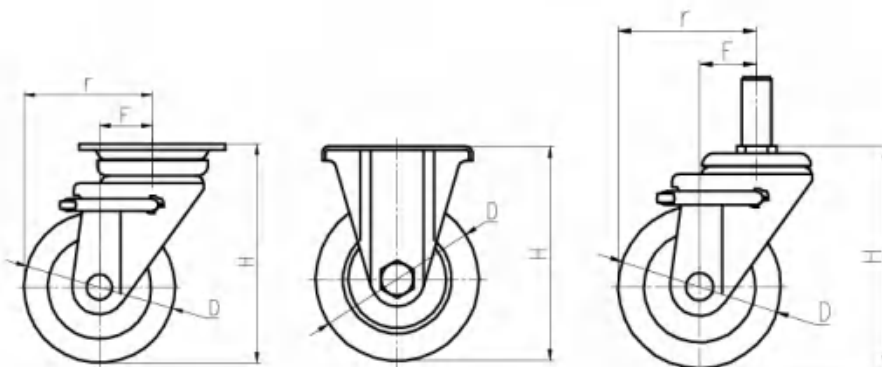


5-6"
100-230 Kg

产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底固定 Rigid	装箱数 PCs /CTN	平底固定刹车 Rigid with brake	装箱数 PCs /CTN	平底活动 Swivel	装箱数 PCs /CTN	平底刹车 Swivel with brake	装箱数 PCs /CTN	丝杆活动 Threaded stem swivel	装箱数 PCs /CTN	丝杆刹车 Threaded stem swivel with brake	装箱数 PCs /CTN
PUPF 	轮面硬度 Tire Hardness 耐磨程度 Wearable Level 静音效果 Silent running 地面保护 Floor-protection	●●●●● 适中 Medium ●●●●● 优秀 Very Good ●●●●● 优秀 Very Good ●●●●● 顶级 Excellent	95±3A*	聚氨酯 Polyurethane on plastic core	双滚珠 Ball bearing	4" 32 100 5" 35 150 6" 38 230	25X03-1078 25X12-1079 25X21-1080	20 12 8	25X04-1078 25X13-1079 25X22-1080	18 10 8	25X01-1078 25X10-1079 25X19-1080	20 12 8	25X02-1078 25X11-1079 25X20-1080	18 10 8	- 25XA4-1079 25XA0-1080	- 12 8	- 25XA5-1079 25XA1-1080	- 10 8
PUPB 	轮面硬度 Tire Hardness 耐磨程度 Wearable Level 静音效果 Silent running 地面保护 Floor-protection	●●●●● 适中 Medium ●●●●● 优秀 Very Good ●●●●● 优秀 Very Good ●●●●● 顶级 Excellent	95±3A*	聚氨酯 Polyurethane on plastic core	双滚珠 Ball bearing	5" 35 150 6" 38 230	25X12-1084 25X21-1085	12 8	25X13-1084 25X22-1085	10 8	25X10-1084 25X19-1085		25X11-1084 25X20-1085	10 8	25XA4-1084 25XA0-1085		25XA5-1084 25XA1-1085	10 8

外形尺寸 Overall Dimensions

尺寸 D	轮径 D	平底 全高 H	丝杆 全高 H	偏心距 F	旋转 半径 r
4"	100	144	-	35	85
5"	125	172	172	38	103
6"	150	197	197	40	115



产品特点 Product Features

- 镀锌支架 Galvanized bracket
- 底板4mm Thickness of top plate 4mm

低重心型轮系列 Low-barycenter Duty

- 30A低重心型(轻载)
Low-barycenter(Light duty)
- 30B低重心型(中载)
Low-barycenter(Medium duty)
- 32A调节轮(重载)
Leveling Casters(Heavy Duty)



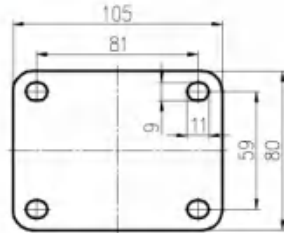
1.5"-4"

150-1000 Kg

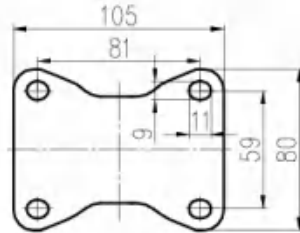
- 适用于机械设备、仓储物流等行业
It is suitable for machinery, warehousing, logistics and other industries.

30A 系列 SERIES 低重心型(轻载) Low-barycenter(Light duty)

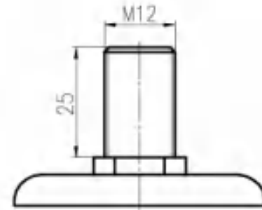
安装尺寸 Installation Drawing



平底活动 刹车底板
Plate of Swivel Caster



平底固定底板
Plate of Rigid Caster



丝杆
Threaded Stem



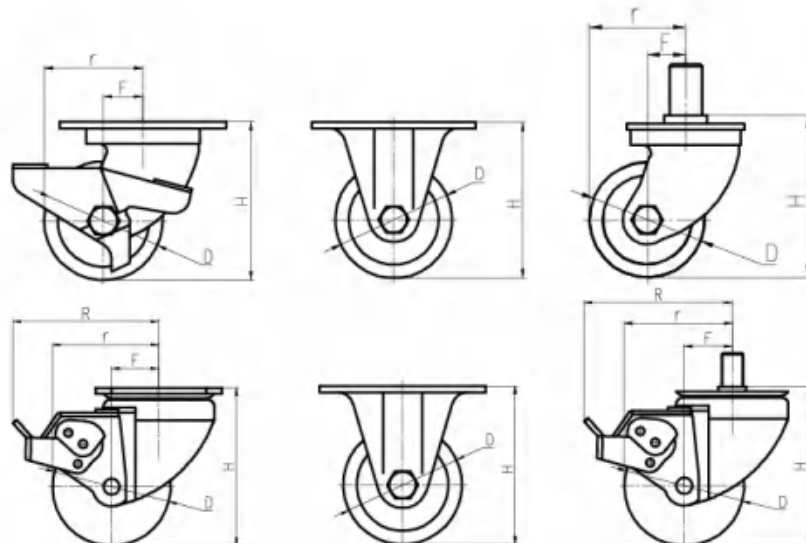
2.5-3"
150-500 Kg

产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底固定 Rigid	装箱数 PCs /CTN	平底活动 Swivel	装箱数 PCs /CTN	平底刹车 Swivel with brake	装箱数 PCs /CTN	丝杆活动 Threaded stem swivel	装箱数 PCs /CTN	丝杆刹车 Threaded stem swivel with brake	装箱数 PCs /CTN
I 款 NL-N	轮面硬度 Tire Hardness	联体尼龙 Nylon	滚针 Needle bearing	2.5"	46	150	30A03-1087	30	30A01-1087	30	30A02-1087	24	30A04-1087	30	30A05-1087	24
	耐磨程度 Wearable Level			3"	46	200	30A08-1088	25	30A06-1088	25	30A07-1088	24	30A09-1088	25	30A10-1088	24
II 款 NL-B	轮面硬度 Tire Hardness	改性尼龙 (新) Nylon (new)	双滚珠 Ball bearing	2.5"	46	450	30A03-1314	30	30A22-1314	30	30A23-1314	24	30A24-1314	30	30A25-1314	24
	耐磨程度 Wearable Level			3"	46	500	30A08-1315	25	30A26-1315	25	30A27-1315	24	30A28-1315	25	30A29-1315	24

外形尺寸 Overall Dimensions

尺寸	轮径	平底全高	丝杆全高	偏心距	旋转半径	旋转半径
I 款	D	D	H	H	F	r
2.5"	65	90	97	24	56.5	96
3"	75	100	108	25	62.5	96

尺寸	轮径	平底全高	丝杆全高	偏心距	旋转半径	旋转半径
II 款	D	D	H	H	F	r
2.5"	65	90	97	30	62.5	95
3"	75	100	108	30	67.5	95



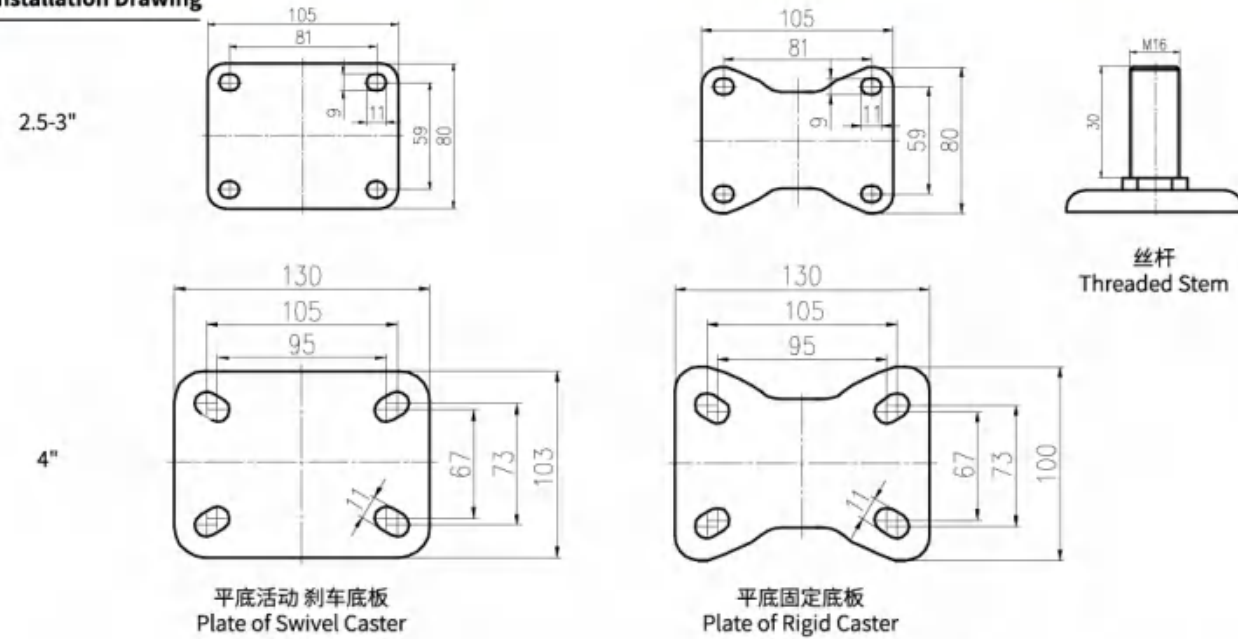
产品特点 Product Features

- 电泳支架 · Electrophoretic coating
- 产品高度低 · Low-barycenter design
- 承载大 · High capacity
- 材料耐磨 · Wearable wheel material

- I 款 · 2.5"底板3mm 支架3mm
· 3"底板4mm 支架4mm
- II 款 · 底板4mm 支架4mm
- 2.5"Thickness of top plate 3mm, Thickness of bracket 3mm
- 3"Thickness of top plate 4mm, Thickness of bracket 4mm
- Thickness of top plate 4mm
- Thickness of bracket 4mm

30B 系列 SERIES 低重心型(中载) Low-barycenter(Medium duty)

安装尺寸 Installation Drawing

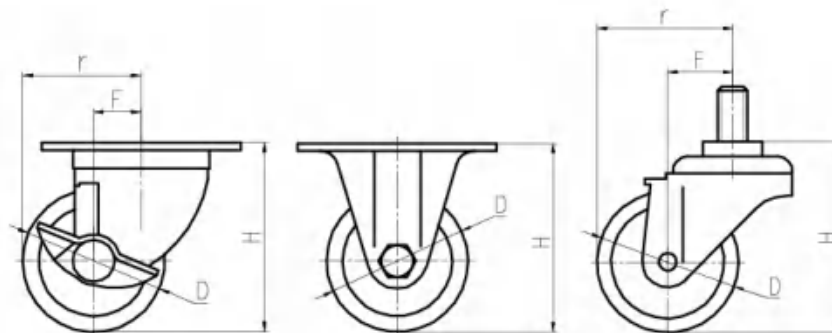


2.5-4"
150-400 Kg

产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底固定 Rigid	装箱数 PCs /CTN	平底活动 Swivel	装箱数 PCs /CTN	平底刹车 Swivel with brake	装箱数 PCs /CTN	丝杆活动 Threaded stem swivel	装箱数 PCs /CTN	丝杆刹车 Threaded stem swivel with brake	装箱数 PCs /CTN
NLAA 	轮面硬度 Tire Hardness	铝芯尼龙 Nylon	一体轴承 Annular ball bearing	2.5"	46	300	30B03-1089	30	30B01-1089	30	30B02-1089	24	30B04-1089	30	30B05-1089	24
	推动省力 Starting Thrust			3"	46	350	30B08-1090	25	30B06-1090	25	30B07-1090	24	30B09-1090	25	30B10-1090	24
	静音效果 Silent running			4"	48	450	30B18-1092	12	30B16-1092	12	30B17-1092	10	30B19-1092	12	30B20-1092	10
	耐磨程度 Wearable Level															
PUAA 	轮面硬度 Tire Hardness	聚氨酯 on plastic core	一体轴承 Annular ball bearing	2.5"	46	150	30B03-1094	30	30B01-1094	30	30B02-1094	24	30B04-1094	30	30B05-1094	24
	推动省力 Starting Thrust			3"	46	200	30B08-1095	25	30B06-1095	25	30B07-1095	24	30B09-1095	25	30B10-1095	24
	静音效果 Silent running			4"	48	250	30B18-1097	12	30B16-1097	12	30B17-1097	10	30B19-1097	12	30B20-1097	10
	耐磨程度 Wearable Level															

外形尺寸 Overall Dimensions

尺寸	轮径	平底全高	丝杆全高	偏心距	旋转半径	旋转半径
D	D	H	H	F	r	R
2.5"	65	90	97	30	62.5	78
3"	75	108	116	30	67.5	78
4"	100	148	148	40	90	90



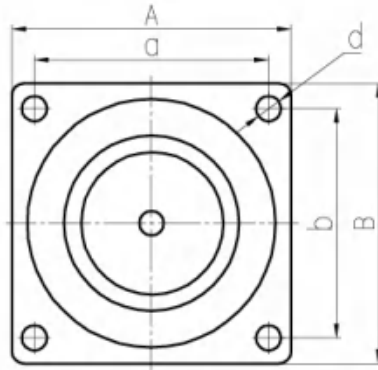
产品特点 Product Features

- 电泳支架
- 底板4mm
- 支架4mm
- 铝芯骨架
- Electrophoretic coating
- Thickness of top plate 4mm
- Thickness of bracket 4mm
- Aluminium core

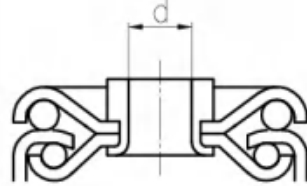
32A 系列 SERIES 调节轮(重载) Leveling Casters (Heavy Duty)

安装尺寸 Installation Drawing

尺寸 D	轮径 D	底板尺寸 A x B	安装孔距 a x b	孔径 Φd	孔顶 Φd
1.5	40	55×55	42×42	7	M8
2	50	74.5×74.5	57×57	7.5	M12
2.5	62	90×90	70×70	8.8	M14
3	75	94.5×94.5	70×70	11	M14
3	75	94.5×94.5	70×70	11	M14



平底活动 刹车底板
Plate of Swivel Caster



顶孔
Hole Top

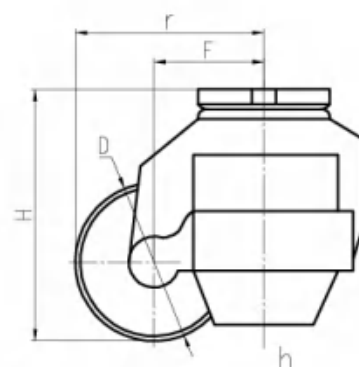
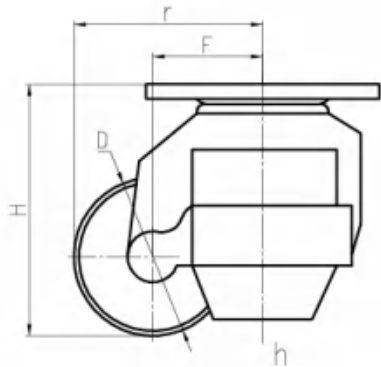


2.5-4"
150-400 Kg

产品图片 Product image	性能参数 Performance parameters			轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底活动 Swivel	装箱数 PCs /CTN	顶孔活动	装箱数 PCs /CTN
NL-N 	轮面硬度 Tire Hardness 推动省力 Starting Thrust 静音效果 Silent running 耐磨程度 Wearable Level	硬 Very Hard 顶级 Excellent 一般 Medium 优秀 Very Good	75D±3 100±40N	尼龙 Nylon	无轴承 None	1.5"	19	50	32A01-1611	40	32A07-1611	40
						2"	24	250	32A02-1612	24	32A08-1612	24
						2.5"	30	500	32A03-1613	12	32A09-1613	12
						3"	31	750	32A04-1614	12	32A10-1614	12
						3"	31	1000	32A05-1614	12	32A11-1614	12

外形尺寸 Overall Dimensions

尺寸 D	轮径 D	平底全高 H	偏心距 F	旋转半径 r
1.5"	40	73.5	30.5	50.5
2"	50	86	38	63
2.5"	62	106.5	44	75
3"	75	120	52.5	90
3"	75	120	52.5	90



产品特点 Product Features

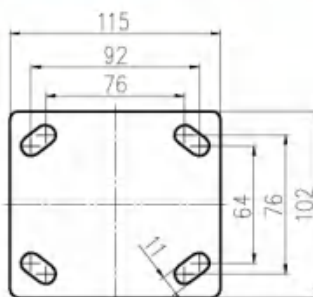
- 适用于仪器设备
- 调节旋钮用于固定脚轮
- 改性注塑尼龙
- 高承载
- Suitable for devices
- Rotary knob to settle caster
- Modified nylon
- High capacity

35A 系列 SERIES

重型(淬火底板) Heavy Duty(Quenched Ball Track)

安装尺寸 Installation Drawing

平底活动 刹车 / 固定底板
Plate of Swivel / Rigid Caster



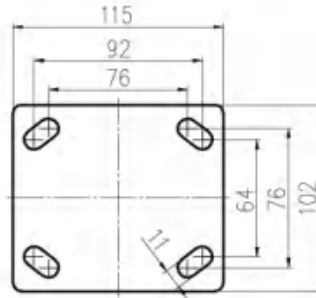
4-8"
280-460 Kg

产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底固定 Rigid	装箱数 PCs /CTN	平底活动 Swivel	装箱数 PCs /CTN	平底刹车 Swivel with brake	装箱数 PCs /CTN					
PUPB 	轮面硬度 Tire Hardness	●●●●● 适中 Medium	●●●●● 优秀 Very Good	●●●●● 优秀 Very Good	●●●●● 顶级 Excellent	95±3A* 110±30N	超级聚氨酯 Polyurethane on plastic core	双滚珠 Ball bearing	4"	45	300	35A62-1325	15	35A60-1325	15	35A61-1325	10
	推动省力 Starting Thrust								5"	48	380	35A65-1326	12	35A63-1326	12	35A64-1326	8
	静音效果 Silent running								6"	50	450	35A68-1327	8	35A66-1327	8	35A67-1327	7
	耐磨程度 Wearable Level								8"	50	460	35A71-1328	5	35A69-1328	5	35A70-1328	5
PUCB 	轮面硬度 Tire Hardness	●●●●● 适中 Medium	●●●●● 优秀 Very Good	●●●●● 优秀 Very Good	●●●●● 顶级 Excellent	95±3A* 130±30N	铁芯聚氨酯 Polyurethane on cast iron core	双滚珠 Ball bearing	4"	46	300	35A62-1128	12	35A60-1128	12	35A61-1128	10
	推动省力 Starting Thrust								5"	48	350	35A65-1129	10	35A63-1129	10	35A64-1129	8
	静音效果 Silent running								6"	50	420	35A68-1130	8	35A66-1130	8	35A67-1130	7
	耐磨程度 Wearable Level								8"	50	450	35A71-1131	5	35A69-1131	5	35A70-1131	5
PUCB 	轮面硬度 Tire Hardness	●●●●● 适中 Medium	●●●●● 优秀 Very Good	●●●●● 优秀 Very Good	●●●●● 顶级 Excellent	95±3A* 135±65N	铁芯聚氨酯 Polyurethane on cast iron core	双滚珠 Ball bearing	5"	48	340	35A65-1136	10	35A63-1136	10	35A64-1136	8
	推动省力 Starting Thrust								6"	48	410	35A68-1137	8	35A66-1137	8	35A67-1137	7
	静音效果 Silent running																

35A 系列 SERIES

重型(淬火底板) Heavy Duty(Quenched Ball Track)

安装尺寸 Installation Drawing



平底活动 刹车 / 固定底板
Plate of Swivel / Rigid Caster



4-8"

140-400 Kg

(TPR产品行走测试标准按3.2km/h检测 TPR products are tested according to 3.2km/h walking test standard)

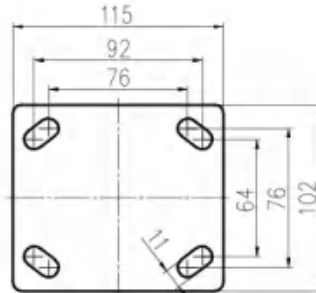
产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底固定 Rigid	装箱数 PCs /CTN	平底活动 Swivel	装箱数 PCs /CTN	平底刹车 Swivel with brake	装箱数 PCs /CTN
RBNB 	轮面硬度 Tire Hardness	塑芯橡胶 Rubber on nylon core	双滚珠 Ball bearing	4"	45	170	35A62-1714	15	35A60-1714	15	35A61-1714	10
	推动省力 Starting Thrust			5"	50	210	35A65-1408	12	35A63-1408	12	35A64-1408	8
	静音效果 Silent running			6"	50	280	35A68-1409	8	35A66-1409	8	35A67-1409	7
	耐磨程度 Wearable Level											
RBNB 	轮面硬度 Tire Hardness	塑芯橡胶 Rubber on nylon core	双滚珠 Ball bearing	4"	45	170	35A62-1545	15	35A60-1545	15	35A60-1545	10
	推动省力 Starting Thrust			5"	50	210	35A65-1546	12	35A63-1546	12	35A64-1546	8
	静音效果 Silent running			6"	50	280	35A68-1547	8	35A66-1547	8	35A67-1547	7
	耐磨程度 Wearable Level											
RBCB 	轮面硬度 Tire Hardness	铁芯橡胶 Rubber on cast iron core	双滚珠 Ball bearing	5"	48	220	35A65-1146	10	35A63-1146	10	35A64-1146	8
	推动省力 Starting Thrust			6"	48	300	35A68-1147	8	35A66-1147	8	35A67-1147	7
	静音效果 Silent running			8"	48	320	35A71-1148	5	35A69-1148	5	35A70-1148	5
	耐磨程度 Wearable Level											
TEPB 	轮面硬度 Tire Hardness	人造胶 Thermoplastic elastomer on plastic core	双滚珠 Ball bearing	4"	50	140	35A62-1531	15	35A60-1531	15	35A61-1531	10
	推动省力 Starting Thrust			5"	50	180	35A65-1532	12	35A63-1532	12	35A64-1532	8
	静音效果 Silent running			6"	50	230	35A68-1533	8	35A66-1533	8	35A67-1533	7
	耐磨程度 Wearable Level			8"	50	280	35A71-1534	5	35A69-1534	5	35A70-1534	5

外形尺寸 Overall Dimensions

35A 系列 SERIES

重型(淬火底板) Heavy Duty(Quenched Ball Track)

安装尺寸 Installation Drawing



平底活动 刹车 / 固定底板
Plate of Swivel / Rigid Caster



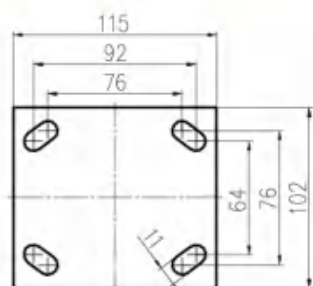
4-8"
280-440 Kg

产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底固定 Rigid	装箱数 PCs /CTN	平底活动 Swivel	装箱数 PCs /CTN	平底刹车 Swivel with brake	装箱数 PCs /CTN		
NLPA 	轮面硬度 Tire Hardness	●●●●● 硬 Very Hard	75D±3	塑芯尼龙 Nylon on plastic core	双滚珠 Ball bearing	4"	45	220	35A62-1112	15	35A60-1112	15	35A61-1112	10
	推动省力 Starting Thrust					5"	48	300	35A65-1113	12	35A63-1113	12	35A64-1113	8
	静音效果 Silent running					6"	50	370	35A68-1114	8	35A66-1114	8	35A67-1114	7
	耐磨程度 Wearable Level					8"	50	400	35A71-1115	5	35A69-1115	5	35A70-1115	5
PUPB * 	轮面硬度 Tire Hardness	●●●●● 适中 Medium	95±3A*	塑芯聚氨酯 Polyurethane on plastic core	双滚珠 Ball bearing	4"	45	250	35A62-1104	15	35A60-1104	15	35A61-1104	10
	推动省力 Starting Thrust					5"	48	300	35A65-1105	12	35A63-1105	12	35A64-1105	8
	静音效果 Silent running					6"	50	350	35A68-1106	8	35A66-1106	8	35A67-1106	7
	耐磨程度 Wearable Level					8"	50	400	35A71-1107	5	35A69-1107	5	35A70-1107	5
PUPB 	轮面硬度 Tire Hardness	●●●●● 适中 Medium	95±3A*	防滑聚氨酯 Polyurethane on plastic core	双滚珠 Ball bearing	5"	50	280	35A74-1121	12	35A72-1121	12	35A73-1121	8
	推动省力 Starting Thrust					6"	50	320	35A77-1122	8	35A75-1122	8	35A76-1122	7
	静音效果 Silent running					8"	50	350	35A80-1123	5	35A78-1123	5	35A79-1123	5
	耐磨程度 Wearable Level													

*V3.1版起一体轴承已切换为双轴承

外形尺寸 Overall Dimensions

尺寸	轮径	平底全高	偏心距	旋转半径	旋转半径
D	D	H	F	r	R
4"	100	145	34	84	148
5"	125				

35C 系列
SERIES重型(经济型)
Heavy Duty(Economical)安装尺寸
Installation Drawing平底活动 刹车 / 固定底板
Plate of Swivel / Rigid Caster4-8"
250-400 Kg

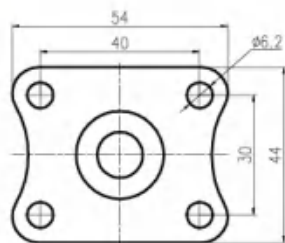
产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底固定 Rigid	装箱数 PCs/CTN	平底活动 Swivel	装箱数 PCs/CTN	平底刹车 Swivel with brake	装箱数 PCs/CTN	尼龙刹车 Swivel with brake	装箱数 PCs/CTN	边刹 Swivel with side brake	装箱数 PCs/CTN	金属AB刹车 Swivel with brake	装箱数 PCs/CTN
	轮面硬度 Tire Hardness 推动省力 Starting Thrust 静音效果 Silent running 耐磨程度 Wearable Level	●●●●● 适中 Medium ●●●●● 适中 Medium ●●●●● 优秀 Very Good ●●●●● 顶级 Excellent	95±3A 130±30N	铁芯聚氨酯 Polyurethane on cast iron core	双滚珠 Ball bearing	5"	35C08-1660	12	35C05-1660	12	35C21-1660	8	35C66-1660	8	35C07-1660	8	35C57-1660	8
						6"	35C12-1661	8	35C09-1661	8	35C22-1661	7	35C67-1661	7	35C11-1661	7	35C58-1661	7
	轮面硬度 Tire Hardness 推动省力 Starting Thrust 静音效果 Silent running 耐磨程度 Wearable Level	●●●●● 适中 Medium ●●●●● 优秀 Very Good ●●●●● 优秀 Very Good ●●●●● 顶级 Excellent	95±3A 120±30N	铁芯聚氨酯 Polyurethane on cast iron core	双滚珠 Ball bearing	5"	35C08-1683	12	35C05-1683	12	35C21-1683	8	35C66-1683	8	35C07-1683	8	35C57-1683	8
						6"	35C12-1684	8	35C09-1684	8	35C22-1684	7	35C67-1684	7	35C11-1684	7	35C58-1684	7
						8"	35C16-1685	5	35C13-1685	5	35C23-1685	5	35C68-1685	5	35C15-1685	5	35C59-1685	5
	轮面硬度 Tire Hardness 推动省力 Starting Thrust 静音效果 Silent running 耐磨程度 Wearable Level	●●●●● 适中 Medium ●●●●● 优秀 Very Good ●●●●● 优秀 Very Good ●●●●● 顶级 Excellent	95±3A* 110±40N	聚氨酯 Polyurethane on plastic core	双滚珠 Ball bearing	4"	35C04-1104	15	35C01-1104	15	35C20-1104	10	35C65-1104	10	35C03-1104	10	35C56-1104	10
						5"	35C08-1105	12	35C05-1105	12	35C21-1105	8	35C66-1105	8	35C07-1105	8	35C57-1105	8
						6"	35C12-1106	8	35C09-1106	8	35C22-1106	7	35C67-1106	7	35C11-1106	7	35C58-1106	7
						8"	35C16-1107	5	35C13-1107	5	35C23-1107	5	35C68-1107	5	35C15-1107	5	35C59-1107	5

*V3.1版起一体轴承已切换为双轴承

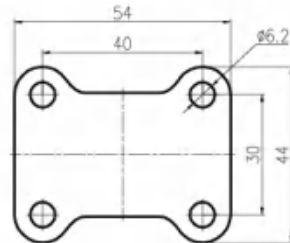
10D 系列 SERIES

不锈钢(微型) Stainless Steel(Micro Duty)

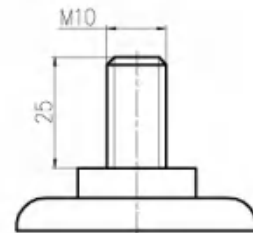
安装尺寸 Installation Drawing



平底活动 刹车底板
Plate of Swivel Caster



平底固定底板
Plate of Rigid Caster



丝杆
Threaded Stem

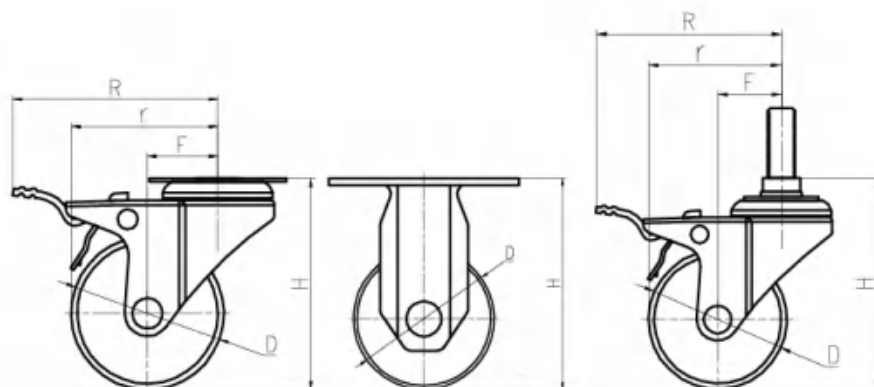


1.5-2"
30-50 Kg

产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底固定 Rigid	装箱数 PCs /CTN	平底活动 Swivel	装箱数 PCs /CTN	平底刹车 Swivel with brake	装箱数 PCs /CTN	丝杆活动 Threaded stem swivel	装箱数 PCs /CTN	丝杆刹车 Threaded stem swivel with brake	装箱数 PCs /CTN
TEPS 	轮面硬度 Tire Hardness: 软 Soft 耐磨程度 Wearable Level: 良好 Good 静音效果 Silent running: 顶级 Excellent 地面保护 Floor-protection: 顶级 Excellent	人造胶 Thermoplastic elastomer on plastic core	单滚珠 Single ball bearing	1.5"	20	30	10D02-1631	300	10D01-1631	300	10D03-1631	250	10D04-1631	300	10D05-1631	250
				2"	22	50	10D07-1632	150	10D06-1632	150	10D08-1632	100	10D09-1632	150	10D10-1632	100
NL-S 	轮面硬度 Tire Hardness: 硬 Very Hard 耐磨程度 Wearable Level: 优秀 Very Good 静音效果 Silent running: 一般 Medium 地面保护 Floor-protection: 一般 Medium	尼龙 Nylon	单滚珠 Single ball bearing	1.5"	20	30	10D02-1629	300	10D01-1629	300	10D03-1629	250	10D04-1629	300	10D05-1629	250
				2"	22	50	10D07-1630	150	10D06-1630	150	10D08-1630	100	10D09-1630	150	10D10-1630	100

外形尺寸 Overall Dimensions

尺寸	轮径	平底全高	丝杆全高	偏心距	旋转半径	旋转半径
D	D	H	H	F	r	R
1.5"	40	60	67	25	45	67
2"	50	70	77	23	48	67



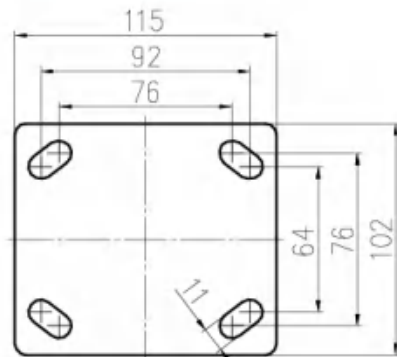
产品特点 Product Features

- 304不锈钢支架
- 底板厚度2mm
- 支架厚度2mm
- 防锈耐腐蚀
- 304 Stainless steel bracket
- Thickness of top plate 2mm
- Thickness of bracket 2mm
- Antirust & anti-corrosion

35D 系列 SStainless Steel(Heavy Duty)

安装尺寸 Installation Drawing

平底活动 刹车 / 固定底板
Plate of Swivel / Rigid Caster



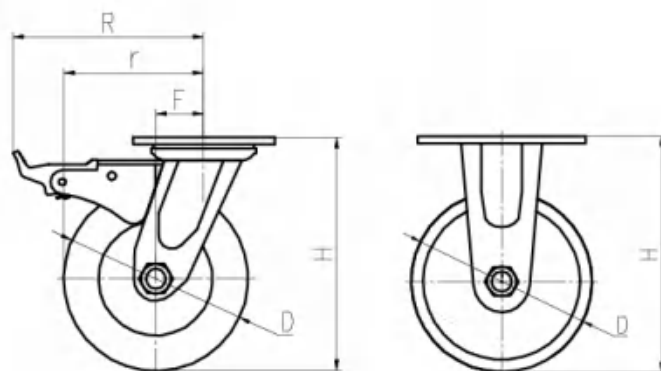
4-8"
180-280 Kg

产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底固定 Rigid	装箱数 PCs /CTN	平底活动 Swivel	装箱数 PCs /CTN	平底刹车 Swivel with brake	装箱数 PCs /CTN
PUPD  2 	轮面硬度 Tire Hardness: 适中 Medium 推动省力 Starting Thrust: 优秀 Very Good 静音效果 Silent running: 优秀 Very Good 耐磨程度 Wearable Level: 顶级 Excellent	聚氨酯 Polyurethane on plastic core	特尔灵 Derlin	4"	45	180*	35D03-1411	15	35D01-1411	15	35D02-1411	10
				5"	48	210*	35D06-1412	12	35D04-1412	12	35D05-1412	8
				6"	50	260*	35D09-1413	8	35D07-1413	8	35D08-1413	7
				8"	50	280*	35D12-1414	5	35D10-1414	5	35D11-1414	5
PP-D 	轮面硬度 Tire Hardness: 硬 Very Hard 推动省力 Starting Thrust: 顶级 Excellent 静音效果 Silent running: 一般 Medium 耐磨程度 Wearable Level: 一般 Medium	聚丙烯 Polypropylene	特尔灵 Derlin	4"	42	180*	35D03-1419	15	35D01-1419	15	35D02-1419	10
				5"	45	210*	35D06-1420	12	35D04-1420	12	35D05-1420	8
				6"	45	260*	35D09-1421	8	35D07-1421	8	35D08-1421	7
				8"	45	280*	35D12-1422	5	35D10-1422	5	35D11-1422	5

*V3.1版本后,因更高要求的企业标准实施,部分标识载重略有调整。

外形尺寸 Overall Dimensions

尺寸	轮径	平底全高	偏心距	旋转半径	旋转半径
D	D	H	F	r	R
4"	100	145	34	84	141
5"	125	165	38	100.5	141
6"	150	190	44	119	141
8"	200	240	54	154	154



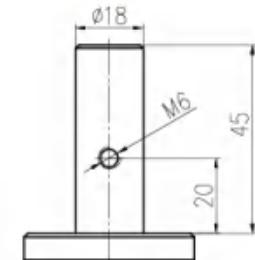
产品特点 Product Features

- 304不锈钢支架
- 底板厚度6mm
- 支架厚度5mm
- 防锈耐腐蚀
- 304 Stainless steel bracket
- Thickness of top plate 6mm
- Thickness of bracket 5mm
- Antirust & anti-corrosion

25D 系列 SERIES

中重型(折叠急救病床用) Foldable Ambulance Bed

安装尺寸 Installation Drawing



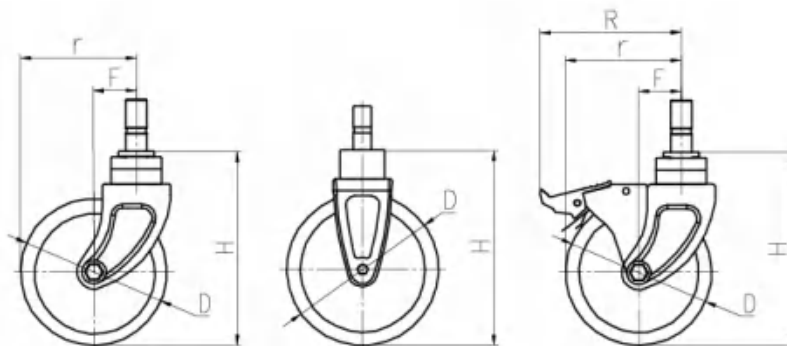
插杆活动/刹车
Stem of Swivel Caster



产品图片 Product image	性能参数 Performance parameters			轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	插杆固定 Stem Rigid Caster	装箱数 PCs /CTN	插杆活动 Stem Swivel Caster	装箱数 PCs /CTN	插杆刹车 Stem swivel with brake	装箱数 PCs /CTN
RBNB 	轮面硬度 Tire Hardness	●●●●● 软 Very Soft	75±3A	橡胶 Rubber on nylon core	双滚珠 Ball bearing	5"	38	120	25D03-1317	14	25D01-1317	14	25D02-1317	14
	耐磨程度 Wearable Level	■ ■ ■ ■ ■ 适中 Medium				6"	38	140	25D06-1318	14	25D04-1318	14	25D05-1318	14
PUPB 	静音效果 Silent running	■ ■ ■ ■ ■ 顶级 Excellent		聚氨酯 Polyurethane on plastic core	双滚珠 Ball bearing	5"	38	130	25D03-1373	14	25D01-1373	14	25D02-1373	14
	地面保护 Floor-protection	■ ■ ■ ■ ■ 顶级 Excellent				6"	38	150	25D06-1374	14	25D04-1374	14	25D05-1374	14

外形尺寸 Overall Dimensions

尺寸	轮径	插杆全高	偏心距	旋转半径	旋转半径
D	D	H	F	r	R
5"	125	168	35	97.5	126
6"	150	195	35	110	126



产品特点 Product Features

- 适用于折叠病床
- 脚轮横置后立即停止晃动
- 静音减震
- 电泳支架
- 支架2.5mm
- 可选配φ30插杆
- Suitable for foldable hospital bed
- Anti-waggle design while caster is put down
- Silent running
- Electrophoretic coating
- Thickness of bracket 2.5mm
- Optional stem: φ30

新型插杆设计 自动定位直行

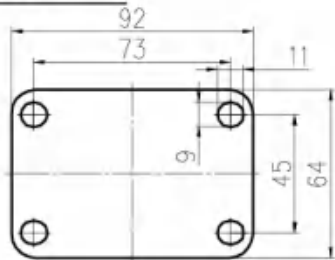


具有自动定位直行功能
It has the function of automatic positioning and straight line

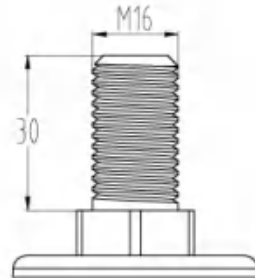
80C 系列 SERIES

塑罩医用轮 Covered Hospital Caster

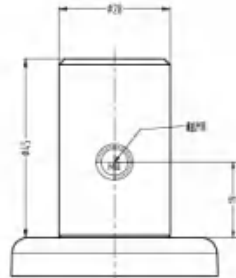
安装尺寸 Installation Drawing



平底活动/刹车底板
Plate of Swivel Caster



丝杆
Threaded Stem



插杆
Stem of Swivel Caster

ABS原料注塑外壳;冲压钢制主架,表面蓝白钝化;精密轴承承载万向。

ABS Injection Molded Shell; Stamping Steel Main Frame, Blue-White Zinc Passivation Surface; Precision Bearing Bearing Universal Bearing.

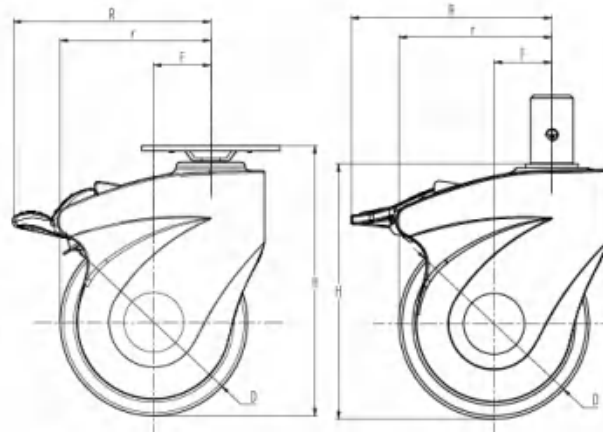


外观、结构均为自主研发,专利保护
Appearance and structure are researched & developed independently, patented by SHENPAI.

产品图片 Product image	性能参数 Performance parameters	轮面材质 Wheel Material	轮片轴承 Bearing	轮片直径 (mm) Wheel Diameter	轮面宽度 (mm) Tire width	载重 (kg) Capacity	平底活动 Swivel	平底单功能刹车 Swivel with single function brake	平底双功能刹车 Swivel with double function brake	丝杆活动 Threaded stem swivel	丝杆单功能刹车 Threaded stem swivel with single function brake	丝杆双功能刹车 Threaded stem swivel with double function brake	插杆活动 Stem swivel	插杆单功能刹车 Stem swivel with single function brake	插杆双功能刹车 Stem swivel with double function brake		
PUPB 	轮面硬度 Tire Hardness	●●●●● 适中 Medium ●●●●● 优秀 Very Good ●●●●● 优秀 Very Good ●●●●● 顶级 Excellent	95±3A*	聚氨酯 Polyurethane on plastic core	6202zz	100	32	100	80C04-1704	80C05-1704	80C06-1704	80C13-1704	80C14-1704	80C15-1704	80C22-1704	80C23-1704	80C24-1704
	耐磨程度 Wearable Level					125	32	125	80C07-1705	80C08-1705	80C09-1705	80C16-1705	80C17-1705	80C18-1705	80C25-1705	80C26-1705	80C27-1705
	静音效果 Silent running																
TEPS 	轮面硬度 Tire Hardness	●●●●● 软 Soft ●●●●● 良好 Good ●●●●● 顶级 Excellent ●●●●● 顶级 Excellent	80A*	人造胶 Thermoplastic elastomer on plastic core	6202zz	100	32	100	80C04-1594	80C05-1594	80C06-1594	80C13-1594	80C14-1594	80C15-1594	80C22-1594	80C23-1594	80C24-1594
	耐磨程度 Wearable Level					125	32	125	80C07-1595	80C08-1595	80C09-1595	80C16-1595	80C17-1595	80C18-1595	80C25-1595	80C26-1595	80C27-1595
	静音效果 Silent running																
地面保护 Floor-protection																	

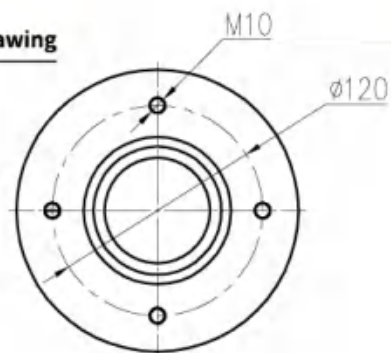
外形尺寸 Overall Dimensions

轮径 Wheel diameter	平底全高 Height	丝杆全高 Threaded stem height	插杆全高 Insert stem height	偏心距 Eccentricity	旋转半径 Turning radius	刹车 旋转半径 Brake turing radius
100	144	142	134	30	80	105
125	180	188	167	38	100	132



70B 系列 SERIES 叉车平衡轮 Balancing Caster for Forklift

安装尺寸
Installation Drawing

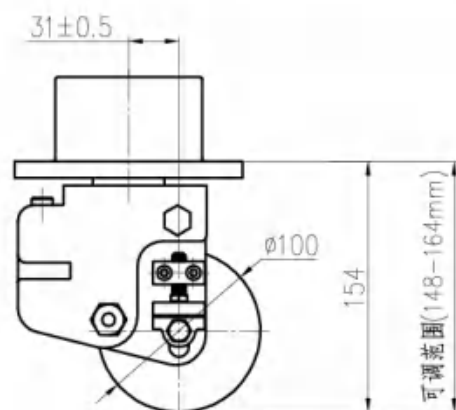


4"
250 Kg

产品图片 Product image	性能参数 Performance parameters		轮面材质 Wheel Material	轮片轴承 Bearing
	轮面硬度 Tire Hardness	●●●●● 适中 Medium	铁芯聚氨酯 Polyurethane on cast iron core	精密滚珠轴承 Precision ball bearing
	推动省力 Starting Thrust	●●●●● 优秀 Very Good		
	静音效果 Silent running	●●●●● 优秀 Very Good		
	耐磨程度 Wearable Level	●●●●● 顶级 Excellent		
	轮面直径(inch) Wheel Diameter	4"		
	轮面宽度(mm) Tire width	40		
	载重(kg) Capacity	250		
	平底活动 Swivel	70B01-1637		
	装箱数 PCs/CTN	4		

外形尺寸
Overall Dimensions

尺寸	轮径	平底全高	偏心距	旋转半径
D	D	H	F	r
4"	100	154	31	81



产品特点
Product Features

- 喷塑支架
- 减震功效, 适合各种复杂路面
- 可调节高度148mm-164mm
- 运行速度可达6km/h
- Powder bracket
- Shock absorption
- Height adjustable from 148 to 164mm
- Running speed up to 6 km/h

70C 系列 SERIES 电动叉车轮 Wheels for Electrical Forklift

3-10"
350-1000 Kg

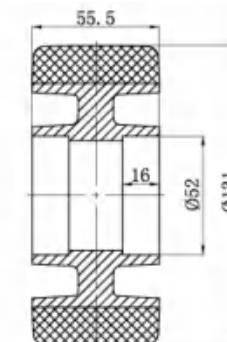
- 轮面材质
Wheel Material: 铁芯聚氨酯
Polyurethane on cast iron core
- 轮片硬度
Tire Hardness: 95A°

产品特点
Product Features

- 适用于叉车
- 高载重
- 高耐磨
- Suitable for forklift
- High capacity
- Wearable

产品图片 Product image	型号 Order number	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重(kg) Capacity	轴承安装 孔径(mm) Bearing Install Aperture
	MDU 80×50/20-50	80	50	350	47
	MDU 80×60/20-60	80	60	380	47
	MDU 80×70/20-70	80	70	400	47
	MDU 80×80/20-80	80	80	450	47
	MDU 80×90/20-90	80	90	500	47
	MDU 85×70/25-70	85	70	600	52

产品图片 Product image	型号 Order number	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重(kg) Capacity	轴承安装 孔径(mm) Bearing Install Aperture
	MDU 131×55.5/25-55.5	131	55.5	700	52



产品图片 Product image	型号 Order number	轮片直径 (inch) Wheel Diameter	轮面宽度 (mm) Tire width	载重(kg) Capacity
	MDU 231×82.5/40-5+3	231	82.5	1000

