



3K82

HIGH POWER DOUBLE PNEUMATIC CYLINDER KNEE JOINT

Extended high-power pneumatic cylinder function, which can adjust extension resistance and flexion resistance for different events. It can reduce the energy consumption, improve the walking gait and enhance the walking ability of patients.

双气压缸膝关节

加长型大功率双气压缸功能，可因人而异的调节 Extension 伸展阻力、Flexion 屈曲阻力。减轻体能消耗、改善行走步态，增强了患者的步行能力。



主要特点和优势

- 行走时可提供膝关节 0 度到 15 度的屈膝减震，增加患者行走时的舒适度和美观性。在走下坡路面状况复杂时，能发挥出特有的 EBS 功能带给您的和谐轻松的自然步态。EBS 弹性屈膝功能同时也消除了行走时地面对残肢的冲击力，行走舒适。
- 膝关节采用特有的仿人体膝关节锁定功能，使患者在行走时假肢膝关节能像人体膝关节一样在脚跟着地期与支撑期确保安全。只有在脚掌蹬离期时，膝关节模拟人体膝关节生理功能轻松自然的解锁屈膝行走。
- 加长型大功率双气缸功能，可因人而异的调节伸展阻力、屈曲阻力。减轻体能消耗、改善行走步态，增强了患者的步行能力。
- 多轴膝关节设计在步行支撑期时转动轴承载力的均衡分配，大大延长了关节体的使用寿命。
- 全密封滚针轴承膝关节的精密制造设计，区别于目前市场上的滚珠轴承或轴套式设计。
- 承载重量 100 公斤以下截肢患者适合体重较重及劳动强度较大的患者。
- 人性化大屈膝角度设计，给使用者提供了方便。

- It provides 0-15 degree flexion damping for the prosthetic knee joint in order to make the gait cycle more comfort and graceful for the patients while walking. The unique double EBS function help achieve easy and smooth down slope walking in sophisticated road and eliminate the ground shocking to the residual limbs, making the walking more comfortable.
- Incorporates a unique knee joint locking function imitating the human knee joint to ensure that the prosthetic knee operates safely in heel strike phase and stance phase like a human knee. In take-off phase, the prosthetic knee can imitate the human knee function to unlock the knee joint and walk easily and naturally with knee flexion.
- Longer, heavy-duty dual-cylinder design capable of individual adjustment to extension damping and flexion damping according to a specific user's condition to minimize the physical energy consumption, improve the gait and increase the walking ability for the patients.
- Multi-axial knee joint design to achieve balanced load break for the rotary bearing in the stance phase and substantial increase in service life of the knee joint body.
- Differentiated full-sealed needle bearing knee joint design that differs from the conventional ball bearing or bushing design currently available on the market.
- Applicable to weight limit of 100kg,especially for the amputees of larger body weight and/or higher labor intensity;
- Big flexion angle design providing more convenience for the users.



产品信息	
● 总长度:242mm	● 产品重量:990g
● 航空合金材质	● 体重上限:100kg
● 弯曲角度:145°	

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