



# 3K91

## MULTIAXIAL PNEUMATIC KNEE

3K91 is a multi-axial and multi-center knee joint with a stable multi-axial structure. Light weight and fine narrow structure are the advantages of knee. The adjustable front design of knee rotation axis is similar to the function of quadriceps muscle of human thigh, so that the swing and bending of knee joint is close to the function of human knee joint, and the gait is natural! Safety!

### 多轴气压膝关节

3K91 膝关节是多轴多中心且带有一个稳定的多轴结构的膝关节。该膝关节具有重量轻和结构细窄的特点。膝关节转动轴可调式前置设计，近似人体大腿股四头肌功能，使膝关节的摆动与弯曲贴近于人体膝关节功能，使步态自然！安全！



主要特点和优势

- 人体支撑期重力线相对于膝关节转动轴可调式前置设计，近似人体大腿股四头肌功能，使膝关节的摆动与弯曲贴近于人体膝关节功能，使步态自然！行走轻松！使用安全！
- 科学的伸展 / 屈曲双调节气压系统，可根据使用者的步行需要，改变步速，步行时自然平滑。
- 全密封滚针轴承膝关节的精密制造，区别于目前市场上的滚珠轴承或轴套式常规设计，大大提高了产品的使用寿命。
- 采用航空轻质材质，产品轻盈舒适。
- 膝关节连接体超薄，设计适应范围广。
- 多轴设计提高稳定性与安全性。
- 承载重量可达 125KG。
- 屈曲角度约 145 度。
- 适合活动量中等使用者选配。
- 夹管螺丝，与腿管连接更牢固。

- The weight line is relative to the adjustable front design of rotation axis of the knee in stance phrase. The design is similar to human thigh quadriceps function, which makes the swings and bending close to human knee joint. It makes the gait naturally and easy to walk and be safe.
- Reliable extension/ flexion double pneumatic cylinders adjustable system will change speed of walking by the demand of user with a natural and smoothen gait.
- The precision manufacturing of the fully sealed needle roller bearing knee joint is different from the conventional design of ball bearings or bushings on the current market, which greatly improves the service life of the product.
- Unique aerometal material, filling lightweight qualities.
- Ultra-thin design of knee connection to adapt to a wider range of users.
- Multi-axis design to enhance stability and safty.
- Bearing the weight of up to 125KG.
- Flexion angle of about 145 degrees.
- Suitable for medium activity users.
- Clip tube screw, firmer link with leg tube.



产品信息	
● 总长度:235mm	● 产品重量:860g
● 航空合金材质	● 体重上限:125kg
● 弯曲角度:145°	

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