

## Made in Germany: Knee Joint KINEGEN.air-active 3A1800



### Polycentric knee joint with especially large flexion angle

The KINEGEN.air-active 3A1800 is a polycentric knee joint with pneumatic swing phase control and an integrated extension assist. Due to the polycentric technology, an especially large flexion angle is achieved. Furthermore, the alignment of the multiple axes provides a shortening of the prosthetic leg during swing phase adding to an increased safety against stumbling. The pneumatic swing phase control in combination with the dynamic performance of the joint linkage ensures a harmonic and natural gait pattern of the prosthesis wearer.

### Natural gait pattern, intuitive operation

- Pneumatic swing phase control by means of the adjustable pneumatic twin-chamber
- Steplessly variable adjustment of the pneumatic extension- and flexion resistance for a natural gait pattern
- Extension support using an integrated extension assist
- Mechanical stance phase safety provided by polycentric technology
- Shortened leg during the swing phase by means of polycentric knee joint construction
- Large flexion angle
- Low in maintenance; intuitive operation; simple cosmetic covering

### Technical data

- Max. body weight: 125 kg / 275 lbs; activity level (walky): 2 to 3
- Proximal connection: pyramid adapter; distal connection: tube clamp Ø 30 mm
- Knee flexion angle: 150°
- Overall height: 228 mm; overall height joint head: 28 mm
- Effective height: 178 mm; effective proximal height: 14 mm; effective distal height: 164 mm
- Weight: approx. 960 g

