



# Prosthetic Knees



## 3A1000 KINEGEN.air

pneumatic polycentric knee



- pneumatic extension impact absorption for optimal wearing comfort
- high stance stability through load-dependent brake and posterior positioned joint axis
- easy adjustment via screws and brakes
- knee certitude even when walking at angular levels
- very smooth-running and thus minimal expenditure of energy for the patient
- wide activity range

- weight: 820g (without pylon)
- knee flexion angle: 145°
- includes Ø34mm pylon

- max. body weight up to 125kg / 275 lbs
- overall height: 249mm, proximal height: 53mm, distal height: 196mm

## 3A1800 KINEGEN.air-active

pneumatic polycentric knee



- 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 spring
- mechanical stance phase safety provided by polycentric technology

- shortened leg during the swing phase by means of polycentric knee joint construction
- low in maintenance
- large flexion angle
- intuitive operation
- simple cosmetic covering



- weight: 975g
- knee flexion angle: 150°

- max. body weight up to 125kg / 275 lbs
- overall height: 228mm, proximal height: 14mm, distal height: 164mm



3A2500    3A2500/3    3A2500/4

## 3A2500 KINEGEN.stream

hydraulic polycentric knee



- adjustable hydraulic end position damping for optimal wearing comfort
- very good adaption to the walking speed
- simple and safe switching into freewheel mode (cycling mode) via push button
- shiftable proximal connection in A-P direction approx. 10 mm
- shortened leg during swing phase by polycentric knee joint construction
- simple adjustment options of the hydraulic extension and flexion resistance by means of sensory feedback (clicks)
- integrated pneumatic chamber for extension assist
- various proximal connection options (pyramid and M36 threaded connection)
- energy saving initialization of swing phase
- mechanical stance phase control by polycentric technology
- high-capacity hydraulics due to bigger cylinder volume - thermally inoffensive
- excellent running smoothness due to high-quality bearings

- weight: 1124g
- knee flexion angle: 136°
- knee disarticulation friendly

- max. body weight up to 150kg (up to 125kg for 3A2500/3)
- overall height: 224mm, proximal height: 23mm, distal height: 173mm

Ask Momentum about Streifeneder knees today!