

3R78 Modular Knee Joint

Polycentric structure with pneumatic swing phase control

NEW – Proximal connection variants

In addition to the existing variant with proximal pyramid adapter, other connection variants will be available starting in summer 2014 for users with a long residual limb – **1** threaded adapter (ST) or knee disarticulation – **2** lamination anchor (KD). This allows an even larger group of patients to benefit from the advantages of this knee joint.

Proven 3R78 features

The 3R78 Polycentric Prosthetic Knee Joint with pneumatic swing phase control offers reliable stance phase security for users with moderate activity levels. In the swing phase, it supports a moderate range of walking speeds. The development of the 3R78 focused on a robust, dust-resistant design that is durable and resistant against environmental impacts.



max. 100 kg / 220 lbs

Benefits

- Treatment of all amputation levels
- Powerful swing phase control
- Flexion and extension damping can be easily adjusted independently of the other
- High stance phase stability thanks to polycentric four-axis joint
- Robust, durable construction
- Lightweight aluminium design
- Modern, aesthetic look

Technical data

Mobility grade	MG 2–MG 3
Max. body weight	100 kg / 220 lbs
Field of application	Transfemoral amputation, transfemoral amputation with long residual limb, knee disarticulation, hip disarticulation
Proximal connection	Pyramid adapter (3R78), threaded connector (3R78=ST), lamination anchor (3R78=KD)
Distal connection	Tube clamp Ø 30 mm
Max. knee flexion angle	150°
Weight	760g (version with pyramid adapter)
System height	156 mm (version with pyramid adapter)
Recommended system components	Prosthetic feet: 1D35 Dynamic Motion or 1C30 Trias Tube adapter: 2R3 (stainless steel), 2R38 (titanium) or 2R49 (aluminium) Cosmetic cover: 3S107 foam cover