

# 3R106 Pro

Polycentric knee joint with servo-pneumatic control



Quality for life

#### 4-axle-polycentric

The set back location of the ICR (Instantaneous Center of Rotation) allows for a high stance phase stability.

#### Durable construction

The joint's construction allows for a maximum weight up to 125 kg. Due to its low system height it offers a pleasant outer appearance - especially when sitting down.

#### Servo-pneumatic control

High performance servo-pneumatic swing phase control with auto-adaptive flexion resistance in case of higher walking speeds. Once the flexion valve is adjusted for normal walking speeds, it automatically adapts to higher speeds when needed.



#### 1 Large maximum flexion angle

High flexion angle of 175° increases the range of motion and offers some comfort while kneeling.



#### 2 Needle bearing technology

Smoothly operating, sustainable and long-lasting needle bearing technology.



#### 3 Easy set up

Separate adjustment of extension and flexion.



## Polycentric knee joint featuring servo-pneumatic control

The joint is suitable for users with medium mobility characterised by an independent and moderately active lifestyle. Thanks to its servo-pneumatic control the 3R106 Pro supports a harmonious transition from one walking speed to another. Being part of high performance dual-

chamber pneumatic, the flexion valve is made to automatically adapt to increasing walking speeds – benefitting the user with a broad range of walking speeds and subsequently a greater everyday flexibility.

#### Additional benefits

- Fitting options for all amputation levels
- Maximum body weight up to 125 kg / 275 lbs
- Supports a broad spectrum of walking speeds
- Modern design protecting cosmetic cover
- Easy handling



## 3R106 Pro

### Adding momentum

#### Recommended fitting solution

In order to complement the 3R106 Pro (2), we recommend users to opt for the KISS Lanyard System (4R160) (1) to go with the anatomically shaped Skeo 3D liner (6Y87) (1) added by a flexible Trias foot (1C30) (4). The scope of delivery includes the 2R49 tube adapter (3). The overall system allows for all kinds of everyday activities supporting the user to master inclines and ramps, ride a bike, kneel and stand up safely.

#### Indication and area of application

The 3R106 Pro is suitable for users with an above knee amputation or a knee or hip disarticulation who are moderately active. According to the Ottobock Mobility System Mobis the 3R106 Pro is suited to address Mobis 2–3 users, characterising restricted and unrestricted outdoor walkers. The maximum permissible body weight amounts to 125 kg.

## Technical data



Article Number	3R106-PRO	3R106-PRO=KD	3R106-PRO=ST
<b>Fields of application</b>	Transfemoral amputation, hip disarticulation / hemipelvectomy with 4R156* or 4R56*	Knee disarticulation	Transfemoral amputation – long residual limb
<b>Mobility grade</b>	MG 2 – MG 3		
<b>Max. body weight</b>	125 kg		
<b>Proximal connection</b>	Pyramid adapter	Lamination anchor	Threaded connector
<b>Distal connection</b>	Tube clamp (Ø 30 mm)		
<b>Max. knee flexion angle</b>	175°		
<b>Weight</b>	885 g	910 g	915 g
<b>System height</b>	163 mm	187 mm	181 mm
<b>Proximal system height up to reference point</b>	-7 mm	16 mm	11 mm
<b>Distal system height up to reference point</b>	170 mm		
<b>Recommended system components</b>	<p><b>Prosthetic feet:</b> 1C30 Trias, 1C10 Terion, 1D35 Dynamic Motion</p> <p><b>Tube clamp adapter</b> (with hip disarticulation): 4R156* (up to 150 kg), 4R56* (up to 100 kg)</p> <p><b>Tube adapter:</b> 2R49 (aluminum), included in scope of delivery</p> <p><b>Cosmetic cover:</b> 3S107 foam cover, 3R27* (in case of HD fitting), 6R6 (in case of KD fitting)</p> <p><b>Socket system:</b> 4R160 KISS Lanyard System or 6A40 MagnoFlex Lock, suitable silicone liners</p>		