

## 3R80

Be ambitious and go even further.

The 3R80 knee joint is a modular knee joint with hydraulic stance and swing phase control.

It is designed for highly active individuals who are looking for a robust and reliable knee to help realize their full potential.

### For clinical specialists

- High weight limit of 330 lbs / 150 kg
- Corrosion-resistant tube adapter
- Tube adapter included in scope of delivery

### For users

- Hydraulic swing phase control supports a broad range of varying walking speeds
- Hydraulic stance phase control supports unlimited knee flexion under load – important for walking down slopes and down stairs step-over-step
- Support for sitting down due to high stance phase flexion resistance, providing relief for the sound side
- High maximum flexion angle of 150° allows extensive freedom of movement, for example when getting into a car or when kneeling down
- Waterproof construction for use in wet areas, e.g. in the shower or at the pool
- Manual lock for improved safety in wet areas and comfortable extended standing



### Technical Data

<b>Max. body weight</b>	150 kg
<b>Mobility grade</b>	3, 4
<b>Weight</b>	1240 g
<b>Proximal connections</b>	Pyramid or threaded top
<b>Distal connection</b>	Tube clamp Ø 34 mm
<b>Knee flexion angle</b>	150°
<b>System height</b>	163 mm
<b>Proximal system height to alignment reference point</b>	28 mm
<b>Distal system height to alignment reference point</b>	135 mm
<b>Build height</b>	218 mm
<b>Proximal build height to alignment reference point</b>	46 mm
<b>Distal build height to alignment reference point</b>	172 mm

\*Technical data for version with proximal pyramid

# Suitable components. For individual prosthetic solutions.

Amputees must be able to rely on their prosthesis, especially in the stance phase. The rotary hydraulics of the 3R80 respond to ground reaction forces in the stance phase at every step. The 3R80 principle is particularly advantageous on uneven surfaces, slopes and when walking down stairs step-over-step. It creates

a high level of stance phase control and therefore boosts the confidence of the prosthesis wearer – an important factor. The level of flexion resistance in the stance phase can be easily adapted to the requirements of the user, or a brisk walk: the 3R80 harmoniously controls low, medium and also fast walking speeds.

### Adjustment options

Optimal adjustment values for stance phase damping and response behavior are achieved by gradually turning the adjustment rings.

### Manual lock

The manual lock integrated into the upper section improves user safety in wet areas and makes standing for extended periods more comfortable. With a load on the forefoot, the lock can be easily activated/deactivated by moving the small lever on the side down/up.



### Stance and swing phase control

The 3R80 offers four adjustment options for stance phase and swing phase control. Flexion and extension resistance can be adjusted easily and independently.

### Threaded connector

The available threaded connector enables a better fitting option for users with long transfemoral residual limbs.

### Waterproof

As identified by the logo on the back, the 3R80 has a waterproof design so it can be used in wet areas, for instance in the shower or at the pool.

## The 3R80 is suitable for transfemoral amputation and knee disarticulation.\*

To guarantee a functional connection of components, combinations with the following prosthetic feet are recommended\*\*:



**1C50**  
Taleo



**1C51**  
Taleo Vertical Shock



**1C68**  
Triton SideFlex



**1C63**  
Triton Low Profile



**1C64**  
Triton Heavy Duty

\* When using the 3R80 as part of a waterproof prosthesis, combining it with the Ottobock Aqualine components is permissible.

\*\* All components are sold separately and are Ottobock products which help to ensure the optimal performance of the 3R80 knee joint. Practitioners need to select components based upon individual patient criteria.