

# 7E9

Monocentric Hip Joint  
with Hydraulic Control



Quality for life

# Tough and versatile

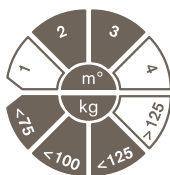
The 7E9 is a slim, robust hip joint that works with a variety of knee and foot options. It is currently the only design approved for a body weight of up to 275 lbs (125 kg).

In combination with the 3R60 mechanical knee joint, the 7E9 takes advantage of linear hydraulics to deliver smooth, even walking at every speed, and offers comfortable sitting through its high flexion angle and low structural height.

Besides the 3R60, we also recommend the 3R106 mechanical knee joint and the C-Leg and Genium microprocessor-controlled leg prosthesis systems for fittings with the 7E9. The flexibility of these component combinations ensures high functionality, safety, and improved mobility for those with hip disarticulation or hemipelvectomy level amputations.

The 7E9 is recommended for users with mobility grade 2 to 3 (restricted and unrestricted outdoor walkers), according to MOBIS, the Ottobock mobility system.

It is approved for a maximum body weight of up to 275 lbs (125 kg).



**Technical note**

Patients using the 7E7 hip joint can be easily upgraded to the 7E9, which is appropriate for weights up to 275 lbs (125 kg).

# 7E9

## Great function

### Hydraulic control of the entire gait cycle

Powerful linear hydraulics control the movement of the joint in the stance and swing phase, resulting in a close approximation of the natural gait pattern.

And because the initial loading is dampened, the joint provides a significant reduction in hyperlordosis and allows for a more fluid extension of the hip joint.

The pendulum movement in the swing phase remains smooth and even across a wide range of walking speeds.

### Comfortable sitting thanks to low structural height

The 130° flexion angle and the low structural height minimize pelvic obliquity in the sitting position, making sitting more comfortable and reducing strain on the cosmetic cover. The large flexion angle also provides relief in everyday situations, such as putting on shoes or getting into a car.

### Alignment and adjustments made easy

The movement resistances in the stance and swing phase can be individually adjusted independent of each other using the tools included in the scope of delivery (Fig. 1).

Furthermore, the steps for optimal prosthetic alignment, as well as the settings on the 7E9 Hip Joint and corresponding knee component, are clearly illustrated in the enclosed Quick Start Guide.

### Additional product characteristics

- Main material: aluminum
- Low weight: 1.5 lbs (695 g)
- Connectors: proximal – lamination anchor;  
distal – pyramid adapter

### Recommended system components (up to 275 lbs / 125 kg)

- Prosthetic feet: 1C30 Trias, 1E56 Axtion, 1C60 Triton, 1C61 Triton Vertical Shock
- Knee joints: C-Leg, Genium, 3R60, 3R106
- Adapters: **NEW:** 4R156, =1, =2 (Fig. 2)
- Rotation adapter: 4R57
- Tube adapter: thigh – 2R36  
lower leg – 2R57, 2R58
- Torsion adapter: 4R39
- Cosmetic cover: 3S27 (for C-Leg and Genium),  
3S107 (for 3R60, 3R106)



