

7E9

Monocentric hip joint
with hydraulic control



Quality for life

Durable and flexible

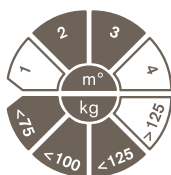
The development of the 7E9 focused on a slim yet robust design. The 7E9 is currently the only hip joint approved for a body weight of up to 125 kilograms available on the market.

In combination with mechanical prosthetic knee joints, especially the 3R60, the 7E9 delivers optimum fitting results.

We also recommend the mechanical 3R106 knee joint and the C-Leg and Genium microprocessor-controlled leg prosthesis systems for fittings with the 7E9. The flexibility of the component combination possibilities ensures high functionality, safety and a gain in mobility for a large user group with hip disarticulation or hemipelvectomy.

Field of application according to MOBIS:

Recommended for users with mobility grade 2 to 3 (restricted and unrestricted outdoor walkers) according to MOBIS, the Ottobock mobility system. Approved for a body weight of up to 125 kg / 275 lbs max.



Technical note

The hip joint 7E9 is compatible with the hip joint 7E7 for users with a body weight up to 100 kg / 220 lbs.

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Hydraulic control of the entire gait cycle

The powerful linear hydraulics controls the movement of the joint in the stance and swing phase, resulting in an approximation of the natural gait pattern. Dampened and therefore controlled stepping down is possible in the stance phase, with a significant reduction in hyperlordosis and more harmonious extension of the hip joint.

The pendulum movements in the swing phase are harmoniously controlled across a wide range of walking speeds.

Comfortable sitting thanks to low structural height

The flexion angle of 130° and the low structural height reduce pelvic obliquity in the sitting position to a minimum. Sitting is perceived as comfortable and strain on the cosmetic cover is reduced. 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 independently of each other using the tools included in the scope of delivery (Fig. 1).

Furthermore, the steps for optimum prosthetic alignment and 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: aluminium
- Low weight: 695 g
- Connectors: proximal – lamination anchor, distal – pyramid adapter

Recommended system components (up to 125 kg)

- Prosthetic feet: 1C30 Trias, 1E56 Axtion, 1C60 Triton, 1C61 Triton Vertical Shock
- Knee joints: C-Leg, Genium, 3R60, 3R106
- Adapters: 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)



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