

Otto Bock®

QUALITY FOR LIFE



3R80

New Generation – New Features

10 years of experience has led to an amazing next-generation knee. Remarkable improvements in the rotary hydraulic system offer better comfort and safety to a wider range of wearers. Improved handling adds even more function to a knee you've trusted for a decade.

Otto Bock HealthCare GmbH

Max-Näder-Straße 15 · 37115 Duderstadt/Germany · Phone +49 5527 848-1424 · Fax +49 5527 72330 · export@ottobock.de · www.ottobock.com

3R80

New Generation – New Features

New Pizzazz

A fundamental revision of the hydraulic swing phase control creates a whole new feeling of comfort and stability for the wearer. The significant reduction in the amount of force required to initiate the swing phase and new, progressive damping result in greater freedom of movement.

Whether it is a relaxed stroll through the park or a brisk city walk to the next appointment, the new 3R80 offers control at low, medium, and even brisk walking speeds. The 3R80 easily adapts to changes in walking speed while minimizing gait deviations.

A Confident Step

Wearers must be able to rely on their prosthesis, especially in the stance phase. The 3R80's rotary hydraulic responds to ground reaction forces throughout stance phase, building up hydraulic resistance which prevents involuntary flexion of the joint and provides more security.

The level of resistance can be easily adjusted to the requirements of the user, and enables yielding – variable knee flexion under load.

The 3R80's patented function is particularly advantageous on uneven surfaces, on slopes, and when walking down stairs. It creates a high level of stance phase control and thus boosts the confidence of the prosthesis wearer – an important emotional factor.

Optimized Adjustments

The 3R80 offers you 4 adjustment options for stance and swing phase control. As usual, the flexion and extension resistance can be adjusted easily and independently (Figure 1). Fine stance phase damping adjustments and changes in response behavior are easy to make by gradually turning the adjustment rings (Figure 2).

If needed, an additional spring can be added effortlessly to increase the extension assist force. The spring, adjustment aid, and tube adapter are conveniently included with your knee purchase (Figure 3).

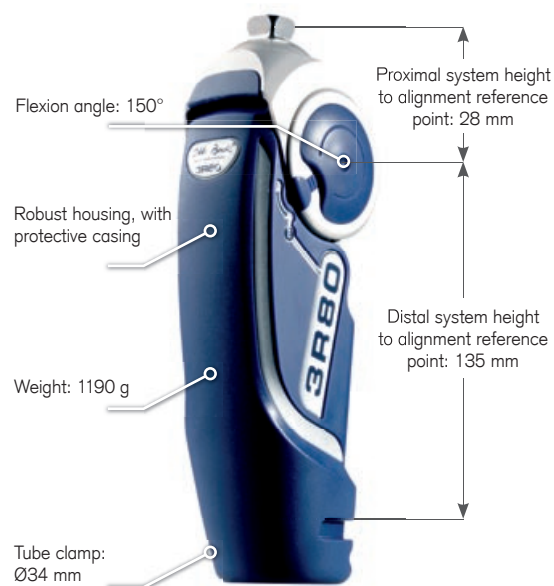
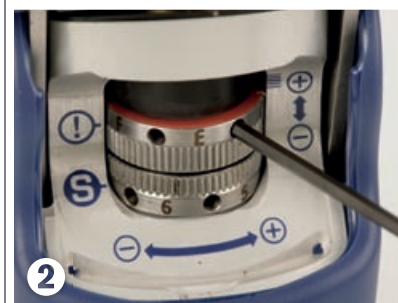
Area of application according to the Otto Bock MOBIS® Mobility System:

The 3R80 is recommended for amputees with **mobility grade 3 and 4**. (Unrestricted outdoor walkers and unrestricted outdoor walkers with especially high demands.)

The robust construction also meets the requirements of highly active users and is now approved for users with a weight of up to **125 kg/275 lbs**.

In order to guarantee proper biomechanical processes, Otto Bock recommends using the following feet with the 3R80:

Dynamic Motion 1D35, Trias 1C30, C-Walk® 1C40, Axtion® 1E56, Luxon® Max DP 1E42/43 and Advantage DP2 1E50/51.



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