

Actua Knee™

Pneumatic

Polycentric Pneumatic Knee
with Stance Flexion
and Extension Assist

Part Nr./Ref: CA603-PPN

Introduction

The Actua Knee Pneumatic is a polycentric pneumatic knee joint with stance flexion feature and non-adjustable spring extension assist. The stance flexion can be tuned infinitely, which ensures optimal comfort during loading response. The particularly long steering knuckles ensure high stability as well as a high flexion angle of the knee-joint.

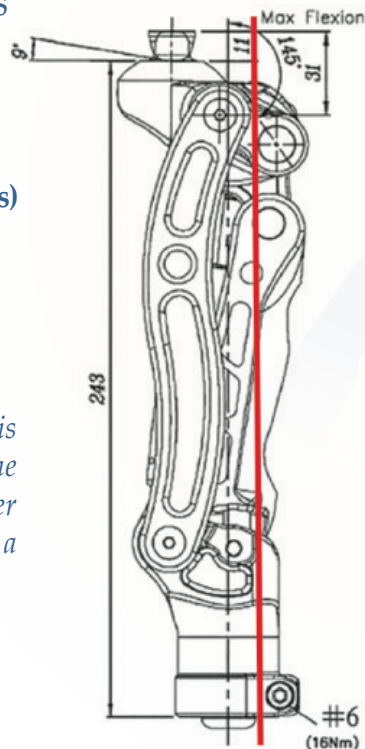


K3 level knee

Technical Specifications

- Height: 243 mm (9.5")
- Weight: 1155 g (40.7 oz)
- Max. Flexion: 145 °
- Stance Flexion: 12 °
- Weight Limit: 136 Kg (300 lbs)

The weight line of the socket is intended to run through the midpoint between the upper axes of the knee as shown as a red vertical line in the figure.



Cypress Adaptive™

Precision Prosthetic Solutions

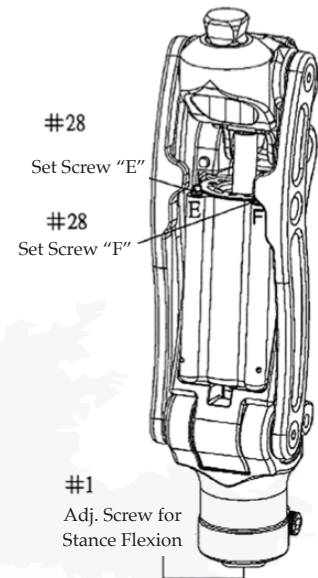
The swing performance can be adjusted via two set screws, (#28: E for extension/F for flexion) on the top of the pneumatic cylinder.

Extension and flexion are separately adjustable.

- Screwing in - higher damping
- Screwing out - lower damping

VERY IMPORTANT! PLEASE READ!

Never screw in the set screws #28 completely! As soon as you feel resistance, unscrew the screw by at least 1/2 a turn, otherwise the air flow in the pneumatic is blocked. Never let your patients walk on a knee-joint with a blocked air-damping. The knee-joint could be damaged.



Stance Flexion Adjustment

Adjusting the allen screw (#1) distally positioned in the tube socket can infinitely tune the damping for stance flexion.

- Screwing in – higher damping
- Screwing out – lower damping



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Rev: 2016/10