

# Vista Ankle™

Universal Single-Axis  
Prosthetic Ankle for  
Elevated Vacuum Suspension

Part Nr./Ref: CA500-BMP



## Introduction

The Vista Ankle is a single-axis prosthetic ankle joint designed for elevated vacuum suspension. The vacuum comes from the ankle movements during gait, i.e. cyclically from plantarflexion (PF) to dorsiflexion (DF). The barb is located inside the proximal tube clamp and thus the hose can be hidden in the pylon, which eliminates system failure caused by unprotected hose-barb connection. Another feature of the Vista ankle is the distal female pyramid adapter that is compatible with a wide range of prosthetic feet.

## Technical Specifications

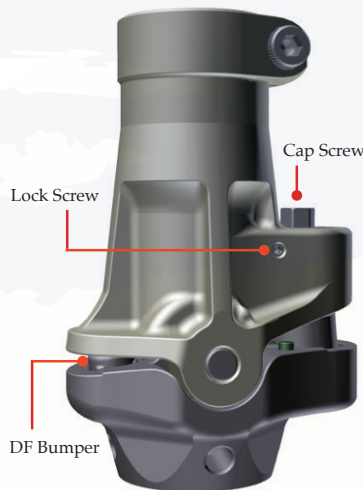
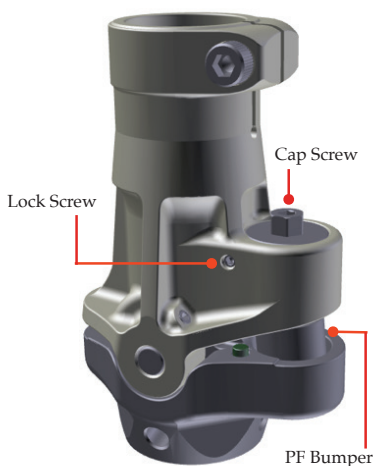
Height: 114 mm (4.5 inches)

Weight: 385 g (13.4 oz)

Max. PF w/o bumper: 15°

Max DF w/o bumper: 8°

Weight Limit: 125 Kg (275 lbs.)



## How Vacuum is Achieved

The achievable vacuum level of the Vista Ankle is determined by how much the user would compress the PF bumper during gait, i.e. more compression of the PF bumper would result in higher vacuum of the socket. Prosthetists should take into account body weight, walking speed, and the pattern of heelstrike while adjusting the PF cushion toward user's preferred vacuum level.

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## PF Cushion Adjustment

The Vista Ankle unit comes with 3 different PF bumpers:

70 Durometer — Green Bumper — Up to 68 Kg (150 lbs)

80 Durometer — Brown Bumper — 68-102 Kg (150-225 lbs) (This is the default installation for PF & DF)

90 Durometer — Brick Red Bumper — 102-125Kg ( 225-275 lbs)

To change the PF bumper:

Loosen the lock screw

Remove the cap screw

Change the PF bumper

Reinstall the cap screw

Tighten the lock screw

Fine-tuning the PF cushion is possible via pre-compressing the PF bumper by tightening the cap screw in different level.

## DF Cushion Adjustment

The DF cushion prevents the abrupt end-feeling when moving to the end of DF.

The Vista Ankle unit comes with 3 different bumpers for DF cushion adjustment:

70 durometer — Green Bumper

80 durometer — Brown Bumper (Default Installation for PF&DF)

90 durometer — Brick Red Bumper

To change the DF bumper:

Loosen the lock screw

Remove the cap screw

Expose the DF bumper by fully plantarflexing the ankle

Change the DF bumper

Reinstall the cap screw

Tighten the lock screw

Please NOTE:

Suggested bumper weight ratings are only a guideline. There are a wide range of gait deviations that could require a combination of DF and PF bumpers outside of the suggested ratings. Bumpers may be combined to achieve desired results.

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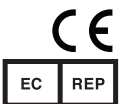
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Rev: 2017/06