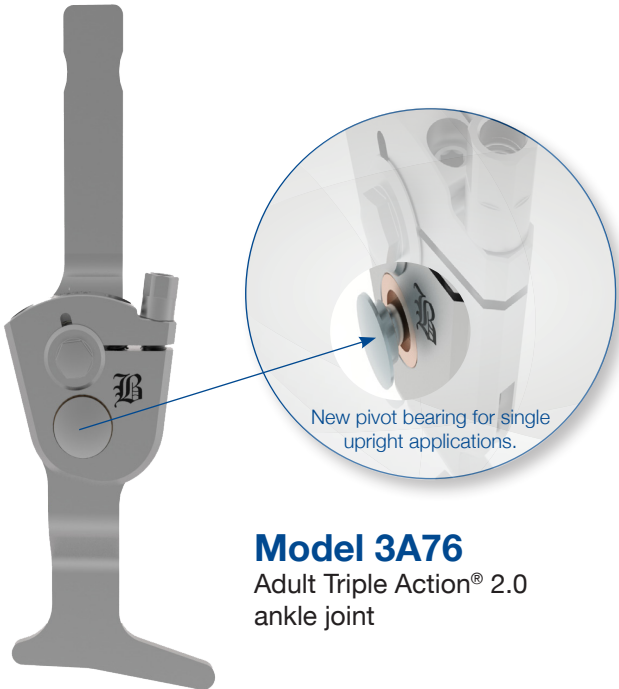


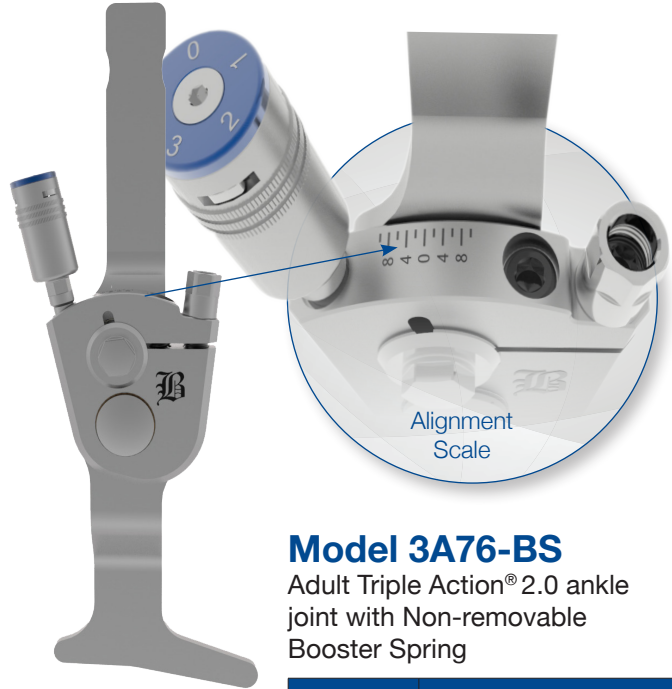
TRIPLE ACTION[®]

Adult 2.0 Ankle Joint

Product Data Sheet



Model 3A76
Adult Triple Action[®] 2.0 ankle joint



Model 3A76-BS
Adult Triple Action[®] 2.0 ankle joint with Non-removable Booster Spring

Order No.	Description	UOM
3A76-LATL	Adult Triple Action 2.0 with Left Lateral Stirrup	Each
3A76-LATR	Adult Triple Action 2.0 with Right Lateral Stirrup	Each
3A76-MEDL	Adult Triple Action 2.0 with Left Medial Stirrup	Each
3A76-MEDR	Adult Triple Action 2.0 with Right Medial Stirrup	Each

Order No.	Description	UOM
3A76-BS-LATL	Adult Triple Action 2.0 with Non-removable Booster Spring & Left Lateral Stirrup	Each
3A76-BS-LATR	Adult Triple Action 2.0 with Non-removable Booster Spring & Right Lateral Stirrup	Each
3A76-BS-MEDL	Adult Triple Action 2.0 with Non-removable Booster Spring & Left Medial Stirrup	Each
3A76-BS-MEDR	Adult Triple Action 2.0 with Non-removable Booster Spring & Right Medial Stirrup	Each

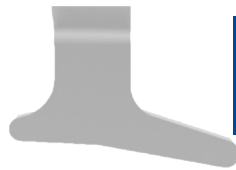
Accessories & Options



Booster Spring with multiple Resist Options*
Model 3A00-BS

Order No.	Description	UOM
3A00-BS	Adult Triple Action 2.0 Booster Spring Only	Each

Stirrup Options



Lateral Stirrup
Models 3A76-LATR & 3A76-LATL



Medial Stirrup
Models 3A76-MEDR & 3A76-MEDL



Fabrication Tool Kit
Model 3A00-FTK

The fabrication tool kit includes fabrication dummies, alignment axis, upper bar bearing removal / installation tool, attachment hardware and wrenches.

*Not available for sale in some countries.

Description

The Adult Triple Action ankle joint has been updated to expand single upright AFO applications when used in composite orthoses. Like the original version, the new Adult Triple Action 2.0 is designed to provide highly adjustable active ankle control of the lower extremity during all phases of the gait cycle. The component excels in the orthotic treatment of complex disorders like stroke, traumatic brain injury and other pathologic neuromusculoskeletal conditions.

Ankle alignment, plantarflexion resist, dorsiflexion resist, and range of motion are independently adjustable to help simplify optimization. The clinician can easily tune the component to meet the changing needs of their patient through all stages of recovery and rehabilitation.

Triple Action provides multiple spring options, increased spring stiffness and spring durability. The component's independently adjustable features are precisely adjustable to help mobilize the ankle and stabilize the knee.

The new plantarflexion booster spring now offers multiple high resistance spring options with a direct reading plantarflexion range of motion dial. Ankle alignment is also read directly from the component body simplifying adjustment and tracking for monitoring patient settings and progress.

Features

Independent adjustment of:

- Plantarflexion ROM
- Plantarflexion spring stiffness (with Booster spring)
- Dorsiflexion ROM
- Ankle Alignment

Multiple high stiffness plantarflexion spring options (included with booster spring)

Pivot bearing for high mediolateral stability and smooth articulation (suitable for single upright composite AFO designs)

Indications

Lower limb functional and structural deficits as the result of:

- Peroneal nerve palsy
- Sub-acute and chronic stroke
- Traumatic brain injury
- Multiple Sclerosis
- Post Tendon transfer/repair surgery
- Ankle contracture
- Other pathologic neuromusculoskeletal conditions

Contraindications

- Patient weight greater than 110 Kg (240 lb)

Specifications

Component Settings	Effect of Adjustment	Adjustment Range	Reference
Ankle Alignment	Changes the ankle alignment of the orthosis	± 10°	0° alignment corresponds to the corrected angle of the cast during fabrication
Plantarflexion ROM	Changes the range of motion of the stirrup in plantarflexion 5° per turn of adjustment screw or Booster	<ul style="list-style-type: none"> • 0-12° PF ROM adjustment range • 5° per turn of the adjustment screw or booster • 2 ½ turns counter clockwise (12° maximum) 	0° PF ROM corresponds to the locked (no range of motion in PF) ankle condition with the adjustment screw or booster turned fully clockwise
Plantarflexion Booster spring configuration (Booster spring option only)	Changes the stiffness of the PF resist function	<ul style="list-style-type: none"> • Multiple spring configurations are possible with Booster Spring option only (3A76-BS or 3A00-BS) • Spring stiffness increases linearly with spring configuration numbers 1-5 	Spring configuration #1 (included with Model 3A76, 3A76-BS and 3A00-BS) is suitable for the management of mild swing phase gait deficits. Stiffness of other PF spring configurations are X1, X2, X3, X4, X5
Dorsiflexion ROM	Changes the range of motion of the stirrup in dorsiflexion 3° per turn	<ul style="list-style-type: none"> • 0-12° DF ROM adjustment range • 3° per turn of the adjustment screw • 4 turns counter clockwise (12° maximum) 	0° DF ROM corresponds to the locked (no range of motion in DF) ankle condition with the adjustment screw turned fully clockwise

Dimensions (3A76)

