

TRIPLE ACTION[®]

Small Adult Ankle Joint 16mm Systems

Product Data Sheet



Features

- Independent adjustment of:
 - Ankle alignment
 - Plantarflexion/dorsiflexion range of motion
 - Plantarflexion/dorsiflexion spring stiffness
- Independent ankle alignment range of 10°±
- (4) high stiffness spring options included with booster spring models (Figure 1)
- Compatible with unilateral or bilateral orthotic designs

Indications

- Lower limb functional deficits as a result of:
 - Stroke
 - Cerebral palsy
 - Multiple sclerosis
 - Spina bifida
 - Spinal cord injury
 - Charcot-Marie-Tooth
 - Other neuromotor deficits

Contraindications

- Patient weight greater than 100 kg

Model 3B76 Component Selection

WEIGHT LIMITS (KG/LBS)	Unilateral	90 kg									
	Bilateral	100 kg									
GAIT PHASE WHERE ABNORMALITIES OCCUR	Booster Configuration	No Booster		Plantarflexion Resist Booster		Dorsiflexion Resist Booster		Plantarflexion & Dorsiflexion Resist Boosters			
		NORMAL		ABNORMAL		NORMAL		ABNORMAL			
	Early Stance Phase	NORMAL		ABNORMAL		NORMAL		ABNORMAL			
	Late Stance Phase	NORMAL		NORMAL		ABNORMAL		ABNORMAL			
Leg	Either		Right	Left	Left	Right	Right	Left	Left	Right	Either
Side	Either		Lateral	Medial	Lateral	Medial	Lateral	Medial	Lateral	Medial	
Order No.	62711 (3B76-A0*)	62713 (3B76-A1*)	62714 (3B76-A2*)	62714 (3B76-A2*)	62713 (3B76-A1*)	62715 (3B76-A3)					

*Only available direct from Becker Orthopedic in some countries

Fabrication Options

Thermoplastic

Unilateral* 

5mm Polypropylene

Bilateral 

5mm Polypropylene

Composite

Unilateral 

Wet Lamination or PrePreg

Bilateral 

Wet Lamination or PrePreg

*Important: Thermoplastic unilateral AFOs require Camber Axis Triple Action[®] Companion Joint, or other free motion ankle joint

Product Data Sheet

Stirrup Options



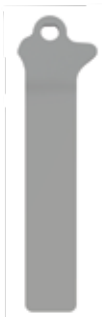
Lateral Stirrup
62677-2/62677-1
Models 3B76-LATR-I
& 3B76-LATL-I



Medial Stirrup
62678-2/62678-1
Models 3B76-MEDR-I
& 3B76-MEDL-I



Y-Stirrup
62679
Model 3B76-Y-I



Universal Rivet Stirrup
62680
Model 3B76-R-I

Accessories

Fabrication Tool Kit
62719
Model 3B00-FTK

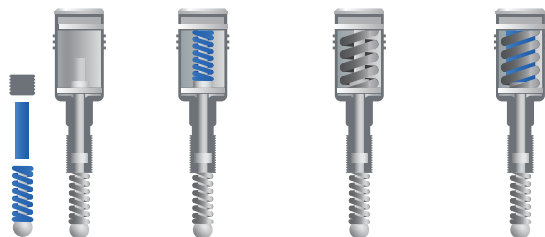
The fabrication tool kit includes fabrication dummies, alignment axis, attachment hardware and wrenches.



Camber Axis Triple Action[®] Companion Joint
62699
Model 751-ATA



Spring Configurations



SPRING CONFIGURATION	1	2	3	4
Booster Required	No	Yes	Yes	Yes
Bottom Spring	Standard	Standard	Standard	Standard
Top Spring	None	Standard	High	High & Standard
Stiffness	X1 (low)	X2 (moderate)	X4 (high)	X5 (very high)
Max. ROM	10°	10°	10°	10°

*Figure 1



*The Booster Spring Unit cannot be removed from the Triple Action component housing. Doing so will destroy the Booster and void the product warranty.

*Internal bottom spring under booster is covered with a lifetime warranty for defects in materials and workmanship.