



TRIPLE ACTION[®]

Adult 2.0 Ankle Joint

(19mm Systems)

Product Data Sheet

Features

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



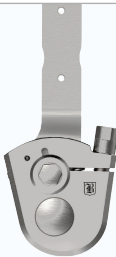
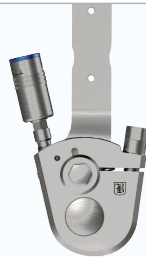
Indications

- 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 110 kg (240 lb)

Model 3A76 Component Selection

| WEIGHT LIMITS (KG/LBS) | Unilateral | | 100 kg / 220 lb | | | | | | | | | | | | | | | |
|--------------------------------------|---|--------|-----------------|--------|---|--------|---------|--------|---|--------|----------|--------|---|--------|---------|--------|--|--|
| | Bilateral | | 110 kg / 240 lb | | | | | | | | | | | | | | | |
| BOOSTER CONFIGURATION | No Booster | | | | Plantarflexion Resist Booster | | | | No Booster | | | | Plantarflexion Resist Booster | | | | | |
| |  | | | |  | | | |  | | | |  | | | | | |
| GAIT PHASE WHERE ABNORMALITIES OCCUR | Early Stance Phase | | | | ABNORMAL | | | | NORMAL | | | | ABNORMAL | | | | | |
| | Late Stance Phase | | | | NORMAL | | | | ABNORMAL | | | | ABNORMAL | | | | | |
| Leg | Right | Left | Left | Right | Right | Left | Left | Right | Right | Left | Left | Right | Right | Left | Left | Right | | |
| Side | Lateral | Medial | Lateral | Medial | Lateral | Medial | Lateral | Medial | Lateral | Medial | Lateral | Medial | Lateral | Medial | Lateral | Medial | | |
| Order No. | 3A76-A1* | | 3A76-A0* | | 3A76-A3 | | 3A76-A2 | | 3A76-A1* | | 3A76-A0* | | 3A76-A3 | | 3A76-A2 | | | |

*Only available direct from Becker Orthopedic in some countries

Fabrication Options

Thermoplastic



Unilateral*
5mm (3/16") Polypropylene



Bilateral
5mm (3/16") Polypropylene

Composite



Unilateral
Wet Lamination like **Becker BCO Shadow™**, **Max™** or PrePreg



Bilateral
Wet Lamination like **Becker BCO Lite™**, **Shadow™**, **Max™** or PrePreg

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

Patent Pending
©2020 Becker Orthopedic Appliance Co.,
All rights reserved.
Revision 05/01/20



F 800-521-2192 | 248-588-7480
P 800-923-2537 | 248-588-2960
BeckerOrthopedic.com | f t in

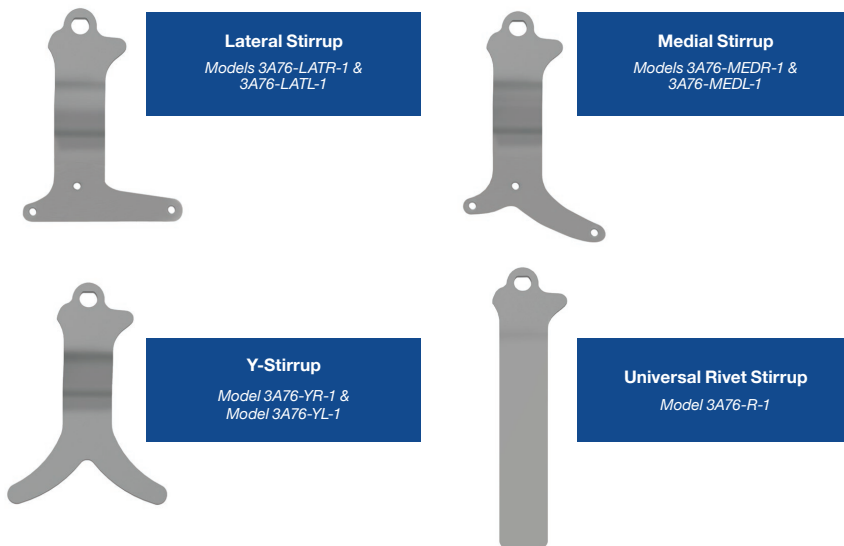
EC REP

Acorn Regulatory Consultancy
Services Limited
Knockmorris Cahir Co. Tipperary
Ireland, Postcode: E21 R766
P 012 4626 8456
F 012 4626 8648



Product Data Sheet

Stirrup Options



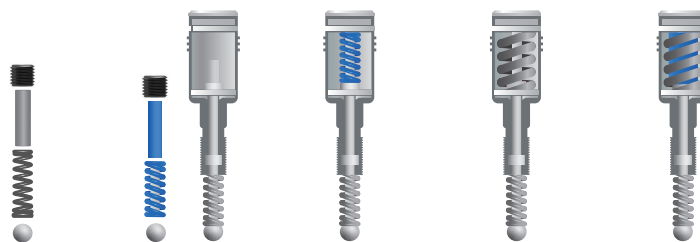
Accessories

Fabrication Tool Kit
 Model 3A00-FTK

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

Camber Axis Triple Action® Companion Joint
 Model 751-ATA

Spring Configurations



| SPRING CONFIGURATION | 0 | 1 | 2 | 3 | 4 |
|-------------------------|------------|----------|---------------|-----------|-----------------|
| Booster Required | No | No | Yes | Yes | Yes |
| Bottom Spring | Long ROM | Standard | Standard | Standard | Standard |
| Top Spring | None | None | Standard | High | High & Standard |
| Stiffness | X0.5 (low) | X1 (low) | X2 (moderate) | X4 (high) | X5 (very high) |
| Max. ROM | 18° | 10° | 10° | 10° | 10° |



*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.

*Figure 1

