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Aulie - 802 Nylon Knee

- Designed for everyday use, durability and low maintenance
- Machined from extruded Nylon 6/6; shafts are stainless steel
- Functions well in harsh environments, such as salt water, mud, and sand
- Adjustable, lightweight hydraulic control
- Stainless steel spring provides extension assist
- Standard proximal pyramid
- Build height: 9"
- At 1.6 lbs, the lightest hydraulic knee available
- Patient weight limit: 220 lbs
- 12 month warranty

Product No.

802AUL

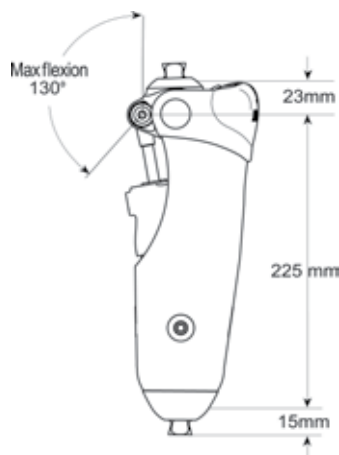


Endolite - ORION Microprocessor Knee

- Smart programming is easy to use and intuitive, providing a short fitting time
- Enhanced stability rapidly re-selects support as needed for safety
- Cadence controls for slow to fast walking speeds, empowering the amputee
- Microprocessor hybrid control: hydraulic stance, pneumatic swing for a visually natural gait and proven energy reduction
- Batteries life 2-4 days (on avg.) with a single charge; Recharge in 2 hours
- No restriction on foot or socket choice
- Male Pyramid (proximal and distal)
- 275 lb weight rating for all K3 activities
- Clearance: 10.35"
- Knee Flexion available: 130°
- Product Weight: 1350 g (3 lbs)
- 36 month warranty

Product No.

ORION



KX06 Polycentric Knee

- Polycentric designed high activity frame provides greater toe clearance for a natural, safe gait for K3-K4
- Robust swing and stance hydraulic with proven reliability
- Water resistant
- 160° of flexion
- Patient weight limit: 320 lbs for K4; 330 lbs for K3
- 36 month warranty

Description	Product No.
With Swing and Stance Control	KX06
With Swing Control	KX06SWING
Proximal Options for KX06 Knee	
Sliding Rotating Male Pyramid with 4-Bolt Plate	EP-MSR
Titanium 4-Bolt Pyramid	189310-C
Rotating 4-Bolt Pyramid	189310-R
Full Alignment System	169207
M36 Proximal Adaptor Kit	169307



Mercury Knee

- Robust Mercury Frame in a smaller, lighter package with the proven reliability
- Reinforced REX Hydraulic SNS hydraulic cylinder for active amputees combines the safe and stable 25 mm geometry with super strong needle roller bearings throughout for increased durability
- Component weight: 2 lbs 4 oz
- Patient weight limit: 300 lbs for K4, 320 lbs for K3
- 36 month warranty on hydraulic and frame

Description	Product Build Height	Product No.
With Distal Pyramid	131 mm	MHPYR
With 30 mm Distal Clamp	255 mm	MH30
With Distal Pyramid, Swing Only	131 mm	MHPYR-SR
With 30 mm Distal Clamp, Swing Only	255 mm	MH30-SR



Smart IP Microprocessor Knee

- Intelligent programming technology dynamically programs the knee to optimum swing settings for the individual
- Allows comfortable gait at slow speeds
- Enhanced range of walking speeds; smoother gait through program optimization
- Stanceflex option allows for enhanced comfort while mimicking natural knee movement
- Maximum amputee weight: 275 lbs; activity level K3
- Battery life expectancy: 9-12 months (normal usage)
- 135° - 140° knee flexion
- 36 month warranty

Description	Product No.
Stanceflex with distal pyramid	SMARTIPSFYR
Stanceflex with 30 mm distal clamp	SMARTIPSF30
4-bolt with distal pyramid	SMARTIP4BPYR
4-bolt with 30 mm distal clamp	SMARTIP4B30

**ESK+ Stabilized Knees**

- Weight activated adjustable stance control
- Single adjustment point; 2.5 mm allen key supplied
- Improved breaking surface with dust covers
- 135° - 140° of flexion
- Ideal for Medium activity level amputees up to 275 lbs
- 24 month warranty

Description	Product No.
With CaSwing Hydraulic and distal pyramid	ESKSFHYPYR
With CaSwing Hydraulic and 30 mm distal clamp	ESKSFH30
With CaSwing Hydraulic and 35 mm distal clamp	ESKSFH35
With PSPC and distal pyramid*	ESKSFPYR
With PSPC and 30 mm distal clamp*	ESKSFP30
With PSPC and 35 mm distal clamp*	ESKSFP35
4 bolt chassis with swing hydraulic and distal pyramid	ESK4BHPYR
4 bolt chassis with swing hydraulic & 30 mm distal clamp	ESK4BH30
4 bolt chassis with pneumatic unit and distal pyramid	ESK4BPPYR
4 bolt chassis with pneumatic unit & 30 mm distal clamp	ESK4BP30

*pneumatic swing phase control

**EUK Single Axis Hydraulic Knee**

- Lightweight carbon fiber full shin frame
- Robust 700 REX hydraulic unit
- 35 mm pylon; 120° flexion
- Patient weight limit: 275 lbs
- 36 month warranty on hydraulic; 24 month warranty on frame

Description	Product No.
4 Bolt Knee	019350
Uniaxial Single Bolt Knee	019150



Compact Semi-Automatic Knee Lock (SAKL)

- Lightweight secure knee suited for K1-K2 level amputees
- Locks automatically when limb is extended
- Sturdy universal thigh release control
- 140° knee flexion
- Patient weight limit: 275 lbs
- Integrated proximal pyramid
- 30 mm distal clamp
- 24 month warranty

Description	Product No.
SAKL, Thigh Release & 30 mm Pylon with Bonded Adapter	P019267
Knee Only	P239143



Compact Semi-Automatic
Knee Only

CaTech Hydraulic Units

- Endolite hydraulic knee controls are designed to provide the user control of lower limb during all phases of the gait cycle
- During swing phase, the stance units provide resistance to flexion and extension that is very close to the natural limb
- During stance, a high resistance to flexion is present, providing the user with added safety
- REX units reinforced for higher weight limit up to 330 lbs and increased reliability
- Independent flexion and extension adjustment
- Swing & stance units have lever to select between three modes of operation: swing & stance, swing only and flexion lock
- Long and short units available for compatibility with many knee frames
- 36 month warranty

Description	Product No.
500 Series, Swing & Stance	932256
Mercury High Activity, Swing & Stance	932260
Mercury High Activity, Swing Only	932273
500 Series, Swing Only	932258
Attachment Kits	
Works with Trulife Black Max Short	C100A
Works with WW 17 and Hosmer Durathane	C101
Works with EUK 10 mm bushing, 5 mm set screw	AK102
Works with WW 90	C103
Works with Multiplex and Pro Sport Short	C100B



932256



932260



932273

Freedom Innovations - Plie' 2.0 MPC Knee

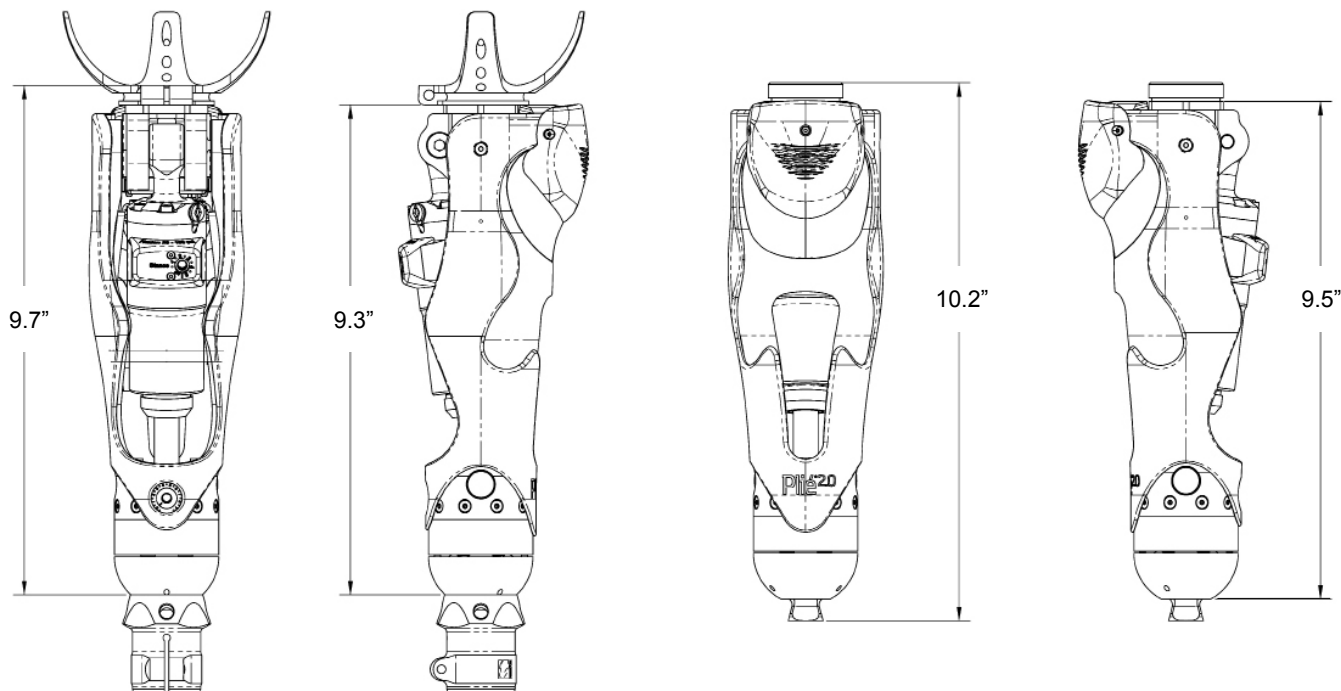
- Amputee Selection Criteria: Community and workplace ambulators with the ability or potential for varied cadence and ramp/stair descent; K3/K4 amputees
- User Weight Rating: 275 lbs moderate activity; 220 lbs high activity
- Clearance: Pyramid adapter 9.25" (235 mm); threaded adapter reduces proximal build height above the knee by 0.50" (12.5 mm) compared to the pyramid adapter
- Product Weight: 2.7 lbs (1235 g)
- Connector: Proximal and distal male pyramids
- Battery Life: Approximately 48 hours depending on individual activity and storage practices
- Easy redesigned pull-out tab on battery to aid in removal
- Knee Flexion Available: 125° with pyramid adapter, 117° with threaded top
- 36 month limited warranty- The Plie' 2.0 MPC Knee is covered by a 36 month warranty which remains in effect as long as the knee is submitted for service at 12 and 24 month intervals. Service within the warranty period is provided at no charge and includes the use of a loaner unit.

Product No.

KS2-00-KNEE1-00



Dimensions & Clearances



Fillauer - GeriMac Knee

- External extension assist technology
- Automatic lock at full extension and adjustable release at heel off
- Adjustable stance flexion provides shock absorption and smooth gait
- A simple, stable and lightweight alternative to polycentric knees
- 145° of knee flexion
- Designed for K2 or low K3 activity level providing confidence and control
- Patient weight limit: 175 lbs
- 12 month warranty

Description	Product No.
GeriMac Knee	FC100550
Pyramid Adapter GeriMac with internal thread	124270

**Hosmer - Endurance Hydraulic 160 Knee System**

- Shorter 160 mm hydraulic unit
- Swing and stance hydraulic control
- Integrated A-P slide via proximal adapters
- Standard stance phase hydraulic control
- Patient weight limit: 300 lbs
- Adjustable yield rate (see attachment choices below)

Description	Product No.
Endurance 160 Hydraulic Complete System	62041
Includes:	
Endurance 160 hydraulic unit	62042
Mounting Kit	62206
Endurance 160 knee frame (with proximal adjustment screw)	62122
Knee Cap	62208

Attachment Choices for Endurance Knee System	Product No.
Pyramid Receiver, Female Dovetail, lock screws	62202
Threaded Adapter, Female Dovetail, lock screws	62203
4-Hole Plate, Female Dovetail, lock screws	62204
Pyramid, Female Dovetail, lock screws	62205
4-Hole Pyramid Adapter w/thru hole, Ti, lock screws	60254
4-Hole Pyramid Adapter, SS, lock screws	60416



Weight Activated Locking Knee (W.A.L.K.)

- Locks on weight bearing giving your patient an extra degree of stability
- Includes patella cover and adjustable extension assist
- 24 month warranty

Material	Rating	Product No.
Titanium	300 lbs	60794
Aluminum	220 lbs	60785
Extension Assist Kit	—	60825
Patella	—	60709

**Single Action Friction Knee (S.A.F.K.)**

- A compact knee ideal for moderately active patients
- Provides easily accessible, adjustable constant friction
- Patella cover and Adjustable Extension Assist included
- Available Materials: Titanium and Aluminum
- Weight: 350 g (Titanium), 316 g Aluminum
- 24 month warranty

Material	Rating	Product No.
Titanium	300 lbs	60821
Aluminum	220 lbs	60823
Extension Assist Kit	—	60825
Patella	—	60709

**Single Axis Locking Knee (S.A.L.K.)**

- This knee includes an integral patella and a fabric sheath which prevents interference from the cosmetic cover
- Designed for geriatrics and amputees with a low activity level
- Low activity levels
- Patient weight limit: 300 lbs
- 24 month warranty

Product No. **60471**

**Stabilized Pyramid Knee (S.P.K.)**

- Weight activated braking knee locks on weight bearing for an extra degree of stability
- Independent friction and stabilizing sensitivity adjustment controls
- Patella and Adjustable Extension
- Assist included with knee
- Product Weight: 1 lb (453 g)
- Patient weight limit: 220 lbs
- 24 month warranty

Description	Product No.
Stabilized Pyramid Knee	60236
Extension Assist Kit	59949
Patella	59941



Entegra SV Adjustable Hydraulic Knee

- Aluminum alloy frame
- 135° range of motion
- Integrated kneeling pad
- Rugged thru-bolt design
- 4 proximal attachments
- Integrated distal pyramid
- ISO tested and rated to 220 lbs
- 24 month warranty

Description	Product No.	
Entegra SV Knee	62806	
Attachment Parts for Entegra SV Knee		
Description	Part Weight	Product No.
4-Hole Adapter with Bolt	56 g	61783
Pyramid Adapter with Bolt	42 g	61784
Slide Adapter with Bolt	60 g	61785
Threaded Adapter with Bolt	50 g	61786



Sfx with Knee Technology

- Adding the Sfx to the WALK, SAFK or SPK provides adjustable stance flexion and provides greater stability at heel strike
- Increases balance during initial weight loading
- Adds moderate amount of shock absorption for a smoother gait
- Weight: 241 g; Height: 3.34"
- Available in 3 adjustable load levels; Red (soft), Blue (medium) and Black (firm)
- 24 month warranty

Description	Product No.
Aluminum W.A.L.K. with Sfx Red (62662)	62811
Aluminum W.A.L.K. with Sfx Blue (62762)	62812
Aluminum W.A.L.K. with Sfx Black*	—
Titanium W.A.L.K. with Sfx Red (62662)	62813
Titanium W.A.L.K. with Sfx Blue (62762)	62814
Titanium W.A.L.K. with Sfx Black (62763)	62815
Aluminum S.A.F.K. with Sfx Red (62662)	62816
Aluminum S.A.F.K. with Sfx Blue (62762)	62817
Aluminum S.A.F.K. with Sfx Black*	—
Titanium S.A.F.K. with Sfx Red (62662)	62818
Titanium S.A.F.K. with Sfx Blue (62762)	62819
Titanium S.A.F.K. with Sfx Black (62763)	62820
S.P.K. with Sfx Red (62662)	62821
S.P.K. with Sfx Blue (62762)	62822
S.P.K. with Sfx Black*	—
*Note: Not offered per weight rating restrictions	



Universal Durathane Setup

- Available in a universal version to fit all commonly used multiplex swing phase control units
- Built-in knee protection pad simplifies the finishing procedure
- Knee width is 3³/₄" (9.53 cm)
- Supplied in neutral shape for use as either right or left leg
- 24 month warranty

Calf Circumference	Product No.
15 ¹ / ₂ " calf	54932
13 ¹ / ₄ " calf	54938
Control Units	
Dupaco Hydraulic Control Unit, Multiplex Version	70465
Lite Phase Dupaco Control, Multiplex	59797
Pneumatic Control Unit, Multiplex Version	70319
Attachment Kit	AK101

**Medi USA - OFM2HD Monocentric Weight Activated Stance Control Knee with Manual Lock**

- Versatile, lightweight (425 grams) monocentric knee joint can be used as both a locking joint with manual release and as free swing joint
- Provides adjustable stance flexion
- Suitable for low functional level amputees with poor voluntary control of the prosthesis and/or weak extensors
- Applicable for limited community ambulators
- Patient weight limit: 275 lbs for K1-K2
- Product weight: 425 g

Description	Product No.
Single Axis Knee	OFM2HD
Lanyard Fabrication Kit	M721223
Replacement Release Lanyard	1970849



OM8HD Multi-Axial Friction Knee

- Expanded weight limit up to 300 lbs for limited community ambulators
- Designed for the stability and reliability needs of limited household ambulators
- Ultra smooth action provides increased knee stability during stance flexion
- Adjustable friction swing phase control and extension assist
- 30 mm distal adapter alleviates the need for tube clamp adapter
- Patient profile: K1, K2 weighing up to 300 lbs
- Product weight: 445 g
- 24 month warranty

Product No.

OM8HD

Knee Joints

OFM1SFHD Polycentric Knee with Adjustable Stance Flexion

- IKF (initial knee flexion) is a component that provides adjustable stance flexion
- Emulates anatomical angle at heel strike of 5° to 11° degrees without activating the knee joint function
- Three progressive bumpers provide various degrees of flexion based upon the amputee's body weight
- Slide AP/ML up to 5 mm; 360 degrees of rotation
- Absorbs ground reaction forces to reduce wear, maximize comfort and increase durability
- Patient weight limit: 300 lbs for K1-K2
- Product weight: 755 g
- 24 month warranty

Description	Product No.
4-Bar Polycentric Knee	OFM1SFHD
Lanyard Fabrication Kit	M721223
Replacement Release Lanyard	1970849



OFM1HD Polycentric Friction Knee

- 4-Bar geometry provides stability for k2 amputee
- One-Step adjustment engages or disengages manual lock function
- Low Profile, knee center to proximal attachment $\frac{3}{4}$ ", knee center to top of pyramid $1\frac{7}{16}$ "
- 30 mm distal adapter alleviates the need for tube clamp adapter
- Slide AP/ML up to 5 mm; 360 degrees of rotation
- Variable friction adjustment plus integrated extension spring
- Maximum patient weight: 300 lbs for K1-K2
- Product weight: 755 g
- 24 month warranty

Description	Product No.
4-Bar Polycentric Knee	OFM1HD
Lanyard Fabrication Kit	M721223
Replacement Release Lanyard	1970849



KFM1HD Polycentric Friction Knee

- Low profile lamination adapter
- Low Profile, knee center to proximal surface= $\frac{1}{2}$ " (without adjustable disc= $\frac{1}{4}$ ")
- Later adjustments for up to 10° in flexion/extension and abduction/adduction possible due to adjustment wedges
- Slide AP/ML up to 5 mm; 360 degrees of rotation
- Continuously variable friction adjustment plus integrated extension spring
- Change from locking to mechanical as activity level changes
- Patient weight limit: 300 lbs for K1-K2
- Product weight: 555 g
- 24 month warranty

Description	Product No.
4-Bar Disarticulation Polycentric Knee	KFM1HD
Lanyard fabrication Kit	M721223
Replacement Release Lanyard	1970849



OP4 Monocentric Pneumatic Knee

- Dual brake adjustments; independent adjust of pneumatic flexion and extension resistance
- Smooth pneumatic swing phase control
- Knee center to top of pyramid: 1 $\frac{1}{8}$ "
- Extension is always possible for safety
- Continuously and separately adjustable flexion and extension
- Patient weight limit: 220 lbs for K3
- Product weight: 600 g
- 24 month warranty

Product No.

OP4



Knee Joints

OH5SF Polycentric Geometric Knee

- Ideal for moderate to active amputees (K3 or K4-fast walking, light jogging and climbing stairs)
- Designed for multi-speed ambulation and higher impact levels; employs a geometric lock
- Slide AP/ML up to 5 mm; 360 degrees of rotation
- IKF is a component that provides adjustable stance flexion with 3 bumper options
- Knee center to proximal attachment is 1 $\frac{1}{4}$ "
- Patient weight limit: 220 lbs
- Product weight: 970 g
- 24 month warranty
- KH5 version with low profile lamination adapter available; has 0-10° of tilt, 5 mm slide in any direction and rotation; KH5 version does not have stance flexion

Product No.

OH5SF

**OH6 Polycentric Geometric Locking Knee**

- The same functionality and features as the OH5SF, with the added benefit of an enhanced heavy duty frame, needle bearings and hydraulic unit
- Knee center to proximal attachment is 1 $\frac{1}{4}$ "
- IKF is a component that provides adjustable stance flexion
- Patient weight limit: 300 lbs
- Product weight: 970 g
- Activity level: K3-K4
- Multi-speed ambulation and higher impact levels
- 24 month warranty
- KH6 version with low profile lamination adapter available; has 0-10° of tilt, 5 mm slide in any direction and rotation; KH6 version does not have stance flexion

Product No.

OH6SF



OHP3SF Polycentric Geometric Locking Knee with Adjustable Stance Flexion

- 4-Bar Polycentric Knee
- IKF is a proximal adapter that provides adjustable stance flexion, rotation and slide
- Independent adjustment of pneumatic flexion and extension resistance, and 3 bumper options
- Low Profile, knee center to proximal attachment 1¹/₄"
- 30 mm distal adapter alleviates the need for tube clamp adapter
- Maximum patient weight: 220 lbs; K2 or K3
- Product weight: 1010 g
- 24 month warranty

Product No.

OHP3SF



KHP3 Polycentric Geometric Locking Knee

- Same knee as above with different proximal adapter
- Low Profile, knee center to proximal attachment 1" or 3/4" without adjustment wedges
- Later adjustment of up to 10° in flexion/extension and abduction/adduction possible due to adjusting wedges
- Offset possible up to 5 mm AP/ML and rotation
- Ideal joint for knee disarticulation patients
- Patient weight limit: 220 lbs
- Activity levels: K2 or K3
- Product weight: 810 g
- 24 month warranty

Product No.

KHP3



Ossur - RHEO KNEE®

- Uses artificial intelligence to adapt continuously to the user's walking style and environment; recognizes and responds immediately to changes in speed, load and terrain
- Proportional stance resistance enables more natural motion and freedom of movement
- Wireless BlueTooth communication with PDA
- Knee Flexion Angle: 120°
- Build Height: 9¹/₄"; unit weight: 3.35 lbs
- Patient weight limit: 275 lbs
- Low to moderate impact levels
- Extension Assist: Internal Torsion Spring
- Battery Life: 24-48 hours (depending on use)
- Recharge Time: 2-4 hours
- Attachments: Proximal, male pyramid; Distal, male pyramid
- 36 month limited warranty includes service at 20 months
- Includes: RHEO Knee, RHEO Knee Changer, calibration note, warranty certificate, user manual & information DVD, technical manual, quick reference card

Product No. **RKN120007**

RHEO Knee Accessories	Product No.
Female Pyramid Insert/Threaded Top Adapter	A-145310
Hewlett Packard IPAQ Kit	RKN220007
RHEO Knee 5-Year Extended Warranty	RKN120017
Power Supply with Plug	PRX00421
Rheologic 2.0 PDA Software	RKN11201
RHEO Knee Land Charger	RKN31000
RHEO Knee Charger Cord	RKN31100
RHEO Knee Charger Adapter Cable	RKN30004



A-145310

Balance™ Knee

- Designed to offer the less active user a high level of security and stability
- Four-bar geometric design is easily adjusted to optimize the required balance between stability and walking dynamics
- Mid-swing shortening allows prosthesis to swing more easily through each step
- For patients with limited activity, single slow speed ambulators, low impact users, and those with little voluntary control
- Simple to set up; all adjustment features can be accessed externally with no disassembly required
- Knee Flexion: Stop at 180°
- Build Height: 6¹/₆"
- Weight: 20.8 oz
- Patient weight limit: 275 lbs
- Low impact level
- Includes: Balance Knee, Shin Ferrule

Product No. **BKN12500**



Mauch® Knee

- Single axis hydraulic knee system with swing and stance control (SNS); designed for multi-speed ambulation
- Increased durability and more secure motion
- Mode selector switch allows for manual locking and swing only functions; yielding stance control
- 115° of knee flexion available
- Build Height 248 mm; clearance: 248 mm top to bottom
- Product weight: 2.5 lbs
- Patient weight limit: 300 lbs; moderate to extreme activity levels
- 24 month warranty

Description	Product No.
With SNS	MKN01360
With SNS Low Resistance*	MKN01361
With Swing Only*	MKN01362
Mauch Knee Components	
Knee Ball, Screw, Btn Head	MKA01361
Cover, Front	MKA01362
Cover, Rear, Sub Assembly	MKA01363
Plug, Side	MKA01364
Extension Stop, Soft*	MKA01365
Extension Stop, Hard*	MKA01366
*Special Order	

Mauch® Knee Plus

- Heavy Duty version of the Mauch Knee
- Protective knee shell for added durability
- Improved spherical bearings protect the cylinder from damaging torsional forces
- Extension stops added to the frame prevent hyperextension and increase the cylinder's lifetime
- Build height: 210.5 mm
- 125° of knee flexion
- Patient weight limit: 365 lbs
- 24 month limited warranty

Description	Product No.
With SNS	MKN01660
With SNS Low Resistance*	MKN01661
With Swing Only*	MKN01662
With SNS Thru Hole*	MKN01663
With SNS Low Resistance Thru Hole*	MKN01664
With Swing Only Thru Hole*	MKN01665
Mauch Knee Plus Components	
Knee Ball, Screw, Btn Head	MKA01661
Cover, Front	MKA01662
Cover, Rear, Sub Assembly	MKA01663
Plug, Side	MKA01664
Extension Stop, Soft*	MKA01365
Extension Stop, Hard*	MKA01366
*Special Order	



Total Knee® 1900

- Designed for single-speed ambulators
- Polycentric knee with geometric locking system
- Swing phase control through use of friction within an elastic polymer medium
- Adjustable stance flexion; 160° of knee flexion available
- Build height: 173 mm
- Patient weight limit: 220 lbs
- 24 month limited warranty

Product No.**1900**

Knee Joints

Total Knee 2000

- Designed for multi-speed ambulators
- Polycentric knee with geometric locking system
- Swing phase adjustments through 3-phase (3-valve) hydraulic system
- Adjustable stance flexion
- Adjustable extension promoter
- Build height: 173 mm
- 160° of knee flexion available
- Patient weight limit: 220 lbs
- 24 month limited warranty

Product No.**2000**

Total Knee 2100

- Polycentric knee designed for multi-speed ambulators, higher impact levels and heavier loads
- 25% increased fluid capacity over Model 2000
- Geometric locking system with 3-phase hydraulic swing control
- Adjustable stance flexion; Adjustable extension promoter
- 160° of knee flexion available
- Build height: 175 mm
- Patient weight limit: 275 lbs
- 24 month limited warranty

Product No. **2100**



Extension Assist

- Fully assembled with yellow (regular) spring inserted

Product No. **2070S**

Cosmetic Finishing for Total Knees		
Description	Color	Product No.
Shin Fairing	Black	2045
Knee Cap, Small	Black	2052
Knee Cap, Large	Beige	2053



A-834300/
A-835300



A-845300



A-122300

Total Knee Adapters					
Description	Material	Weight	Weight Limit	Build Height	Product No.
4-Hole Adapter	Aluminum	65 g	275 lbs	10.99 mm	A-122300
Male Pyramid Adapter	Titanium	80 g	365 lbs	32.37 mm	A-835300
Male Pyramid Adapter	Stainless Steel	111 g	220 lbs	32.37 mm	A-834300
Female Pyramid Adapter	Titanium	85 g	365 lbs	25.97 mm	A-845300

Otto Bock - 3R90 New Generation Modular Knee with Friction Brake

- Friction and wear are minimized through state-of-the-art bearing technology
- Brake mechanism has been optimized to yield a high degree of functional reliability and extended life while providing greater adjustability
- Integrated extension assist can be regulated easily by adjusting the tension of the spring
- Material: Aluminum
- Joint Flexion Angle: 135°
- Activity level: K1, K2
- Product weight: 650 g
- Height: 40 mm (knee center to upper edge of pyramid)
- Patient weight limit: 275 lbs
- 12 month warranty

Product No.

3R90



Knee Joints

3R49 Ti Single-Axis Constant Friction Knee with weight activated brake and extension assist

- Utilizes the swing axis and brake axis as a load-dependent brake
- The axis friction and the extension assist are adjustable for improved control of swing phase
- Material: Titanium
- Knee Flexion Angle: 150°
- Activity level: K1, K2
- Height: 40 mm (knee center to upper edge of pyramid)
- Product weight: 355 g
- Patient weight limit: 220 lbs
- 12 month warranty

Product No.

3R49

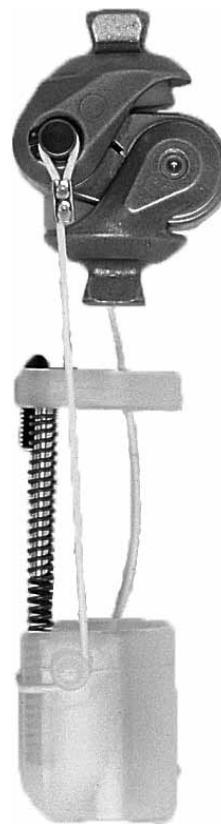


3R15 Stainless Steel Single-Axis Constant Friction with weight activated brake and extension assist

- Utilize the swing axis and brake axis as a load-dependent brake
- The axis friction and the extension assist are adjustable for improved control of swing phase
- Material: Stainless Steel
- Knee Flexion Angle: 150°
- Activity level: K1, K2
- Height: 40 mm (knee center to upper edge of pyramid)
- Product weight: 490 g
- Patient weight limit: 220 lbs
- 12 month warranty

Product No.

3R15



3R33 Titanium Single-Axis Knee with Manual Lock and Extension Assist

- Adjustable lock secures the knee joint in extension; lock is released using the remote lock release
- Locking occurs automatically at full extension via the extension assist springs
- Material: Titanium
- Knee Flexion Angle: 120°
- Activity level: K1
- Height: 39 mm (knee center to upper edge of pyramid)
- Product weight: 405 g
- Patient weight limit: 275 lbs
- 12 month warranty

Product No.

3R33



3R40 Aluminum Single-Axis Knee with Manual Lock

- Proximal pyramid adapter; Integrated 30 mm distal clamp
- Adjustable manual lock in the lower joint section secures the joint in the extended position; Lock is released with remote lock release
- Positive lock prevents accidentally unlocking during a flexion moment
- Material: Aluminum
- Knee Flexion Angle: 155°
- Activity level: K1
- Height: 34 mm (knee center to upper edge of pyramid)
- Product weight: 290 g
- Patient weight limit: 220 lbs
- 12 month warranty

Product No.

3R40



Knee Joints

3R36 Titanium Polycentric Constant Friction “Four Bar” Knee with Internal Extension Assist

- The extension stop allows adjustment of the instantaneous center of rotation
- Swing phase settings can be continuously adjusted through the axis friction and extension assist
- Material: Titanium
- Knee Flexion Angle: 110°
- Activity level: K1, K2
- Height: 30 mm (knee center to upper edge of pyramid)
- Product weight: 445 g
- Patient weight limit: 220 lbs
- 12 month warranty

Product No.

3R36

**3R22 Stainless Steel Single-Axis Constant Friction Knee Joint with Internal Extension Assist**

- Internal extension assist and adjustable constant friction
- Locking occurs automatically at full extension via the extension assist springs
- Material: Stainless Steel
- Knee Flexion Angle: 120°
- Activity level: K1
- Height: 37 mm (knee center to upper edge of pyramid)
- Product weight: 530 g
- Patient weight limit: 330 lbs
- 12 month warranty

Product No.

3R22



3R30 Titanium Polycentric Knee with Constant Friction Swing Phase Control and Extension Assist

- Detachable lamination anchor connects the knee to the socket with rotation adjustment
- Spring extension assist and axial friction are both adjustable
- Material: Titanium
- Knee Flexion Angle: 110°
- Activity level: K1, K2
- Height: 18 mm (knee center to upper edge of pyramid)
- Product weight: 655 g
- Patient weight limit: 275 lbs
- 12 month warranty

Product No.

3R30



3R55 Titanium Polycentric Knee with Hydraulic Swing Phase Control

- Built-in hydraulic cylinder controls swing phase
- Flexion and extension resistance are independently adjustable
- Material: Titanium
- Knee Flexion Angle: 112°
- Activity level: K3, K4
- Height: 40 mm (knee center to upper edge of pyramid)
- Product weight: 730 g
- Patient weight limit: 275 lbs
- 12 month warranty

Product No.

3R55



3R46 Titanium Polycentric Hydraulic Swing Phase Knee Joint for Knee Disarticulation

- Separately adjustable flexion and extension resistance
- Low build height above the knee for long residual limbs and knee disarticulation patients
- Material: Titanium
- Knee Flexion Angle: 110°
- Height: 18 mm (knee center to upper edge of pyramid)
- Product weight: 750 g
- Patient weight limit: 275 lbs
- Activity level: K3, K4
- 12 month warranty

Product No.

3R46



Knee Joints

3R32 Titanium Polycentric Knee Joint with Manual Lock; Locks for Swing Phase, for Knee Disarticulation

- Detachable lamination anchor connects the knee to the socket
- The adjustable lock secures the knee in extension; Lock is released using the remote lock release
- Material: Titanium
- Knee Flexion Angle: 110°
- Activity level: K1, K2
- Height: 18 mm (knee center to upper edge of pyramid)
- Product weight: 660 g
- Patient weight limit: 275 lbs
- 12 month warranty

Product No.

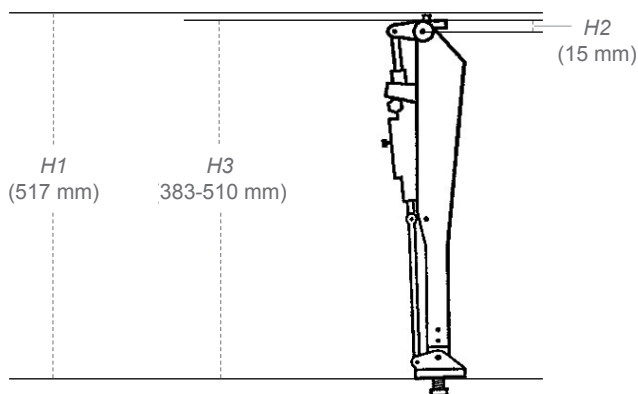
3R32



Proteor - Hydracadence Knee II

- A single axis hydraulic knee with a unique functional coupling between the knee and the ankle joint during flexion/extension
- At heel strike, the knee is in extension and simultaneously brings the ankle and therefore the foot into plantar flexion. Then flat foot is rapidly achieved, providing a high level of safety in slopes and on uneven ground
- When knee flexion reaches 20° during swing phase, the foot is actively lifted up in dorsiflexion then lowered in the course of the walking cycle
- The raise of the forefoot provides an easy walk with no risk of the forefoot hitting the ground
- Knee-foot synergy
- Easy adjustment of heel height
- Simple and efficient hydraulic unit
- Carbon fiber frame
- Practitioner must choose a proximal adapter and also purchase the 4 tools to fit the knee (see chart below)
- Weight: 1850 g (before cutting to fit)
- Maximum patient weight: 220 lbs
- Activity level: K2, K3

Description	Product No.
Hydracadence Knee II	1P50-R
Proximal Connectors for Hydracadence Knee	
Pyramid Connector	1K160
Plate Adapter	1K30
Steel Connector	1K40
Extension Tube Connector	1K20
Tools for Hydracadence Knee	
Cutting Block	1P5070
Wrench	5F070-120
Knee Piston Lock	5F04
Tempo Adjusting Wrench	5F03

**5F04****5F03****5F070-120****1P5070**

Trulife - Seattle Select Stance Flexion Knee

- Polycentric, pneumatic 5-bar knee
- 9° of adjustable stance flexion
- Shock absorption at heel strike
- Independently adjustable pneumatic flexion and extension control
- Available with built-in proximal pyramid or threaded adapter
- Build height: 9"
- Activity level: K3, K4
- 24 month warranty

Description	Weight Limit	Product Weight	Product No.
with Proximal Pyramid	220 lbs	1025 g	SSK615
with Threaded Proximal Adapter	275 lbs	1015 g	SSK615-THR

**Seattle Select Knee**

- Polycentric, pneumatic 4-bar knee
- Adjustable flexion and extension controls
- Available with built-in proximal pyramid or attached disarticulation bracket
- Durable, lightweight aluminum design
- Activity levels: Medium to high activity, K3-K4 for max patient weight 220 lbs (SSK600A); Moderate activity for max patient weight 275 lbs (SSK601A)
- 30 mm pylon diameter
- Product weight: 750 g (SK600A), 860 g (SK601A)
- Build height: 8"
- 6 mm proximal mounting bolts
- 24 month warranty

Description	Weight Limit	Product No.
Select Knee	220 lbs	SSK600A
with Knee Disarticulation	275 lbs	SSK601A



SSK600A



SSK601A

Black Max® Aluminum Frame-Through Shaft, 4-Hole Distal

- Single axis, hydraulic, aluminum framed knee; smooth flexion
- Available with a proximal 4-hole or pyramid attachment
- Distal, 4 hole configuration
- Height: 9"
- Ideal for above knee amputation
- Activity level: Medium to high, K3-K4
- Patient weight limit: 250 lbs
- Includes knee cap
- 24 month warranty

Description	Weight Limit	Product Weight	Product No.
Without Knee Control Unit	250 lbs	660 g	P24840
With Trulife SNS Control Unit and 4-Hole Distal Configuration	250 lbs	1234 g	P24843
With Trulife SNS Control Unit and Titanium Pyramid	250 lbs	1306 g	P24853



P24843

Black Max® Titanium Frame-Through Shaft, 4-Hole Distal

- Single-axis, hydraulic, titanium framed knee; smooth flexion
- With a proximal 4-hole attachment
- Distal 4-hole configuration
- Includes knee cap
- Product height: 9"; product weight: 1370 g
- Distance to knee center: 2 cm
- Knee flexion angle: 124°
- Patient weight limit: 300 lbs
- Activity level: Medium to high, K3-K4
- 24 month warranty

Description	Weight Limit	Product No.
Without Knee Control Unit	300 lbs	P25620
With Trulife SNS Control Unit	300 lbs	P25623



P25623

Black Max® Titanium Through Shaft with Pyramid Knee Bracket, 4-Hole Distal

- Single-axis, hydraulic, titanium framed knee
- Smooth flexion
- Available with proximal 4-hole or pyramid attachment
- Activity level: medium to high, K3-K4
- Build height: 9"
- Frame only weight: 815 g
- Patient weight limit: 300 lbs
- 24 month warranty

Description	Weight Limit	Product No.
Without Knee Control Unit	300 lbs	P25610
With Trulife SNS Control Unit	300 lbs	P25613



P25613

Black Max® Short Titanium

- Compact version of Black Max
- Single axis, hydraulic design
- Aluminum frame with 4-hole attachment
- Ideal for above knee amputation
- Activity level: medium to high, K3-K4
- Patient weight limit: 300 lbs
- Build height: 8"
- Frame only weight: 813 g
- 24 month warranty

Description	Weight Limit	Product No.
Without Knee Control Unit	350 lbs	P37200
With Trulife SNS Control Unit	300 lbs	P37201

**Seattle Natural Stance Flexion Knee**

- Appropriate for low to moderate activity amputees with functional levels of K1-K2
- Built-in proximal pyramid and distal tube adapter
- Friction swing phase control
- Shock absorption at heel strike
- 150° flexion; 7° of adjustable stance flexion
- Product weight: 1.7 lbs (783 g)
- Maximum patient weight: 220 lbs
- Height: 7"
- 24 month warranty

Product No. **SSK617**

**Seattle Natural Knee**

- Appropriate for low to medium activity amputees with functional levels of K1-K2 activity
- Four-bar polycentric knee designed for friction swing control and extension spring assist, which can be increased or decreased through simple adjustment
- Standard model has a pyramid adapter mounted to the top of the knee and may be used on patients with transfemoral residual limbs
- Knee disarticulation model is designed with an "L" bracket for lamination into the socket for knee disarticulation or very long transfemoral residual limb
- Maximum patient weight: 220 lbs
- 24 month warranty

Description	Build Weight	Product Weight	Product No.
With Pyramid	5"	1.1 lb (520 g)	SSK602A
With L-Bracket	5.5"	1 lb (492 g)	SSK604A



Single Axis Locking Knee

- Fabricated from titanium
- Mechanical locking, friction controlled knee; extension assist
- Proximal and distal pyramid adapters
- Ideal for patients who require a stable knee or have a short residual limb
- Knee flexion angle: 120°
- Product weight: 380 g; Product height: 3.25" (8 cm)
- Distance to knee center: 1.4" (3.5 cm)
- Low to moderate activity level, K1-K2
- Patient weight limit: 220 lbs
- 24 month warranty

Product No.

SSK608



Seattle Safety Knee

- Excellent choice for the patient who requires stance stability and extension assist for smooth and reliable function
- Stance stability is accomplished by providing a weight activated load brake, and the extension assistance is provided by an external spring conveniently located around the pylon
- Friction control is provided to adjust the resistance between the knee axis and the brake bushing during swing phase
- Maximum patient weight 220 lbs for low to moderate activity levels
- Build height: 9"
- 24 month warranty

Description	Product Weight	Product No.
Titanium	362 g	SSK603
Stainless Steel	524 g	SSK605



WillowWood - GeoFlex Knee

- Geometric design provides built in stability
- Variable friction path design accommodates lower activity and new amputees
- Returns to full extension when flexed up to 20° under load, without the use of mechanical locks
- Includes a flexion bumper and extension assistant
- Product weight: 768 g
- Build height: 5.82"
- Activity level: K1, K2
- Patient weight limit: 250 lb
- Includes Stance Flexion Bumper Replacement Kit, Dust Cover and Elastic Extension Assist; accessories may be purchased separately
- 12 month warranty

Description	Distal	Product No.
Proximal 4-hole Pattern	Tube clamp	GEO-200



GeoLite Knee

- One of the lightest and shortest friction-controlled polycentric knees available
- Accommodates hip flexion contracture without losing knee stability
- The GeoLite Knee has a 4-hole pattern on the proximal end
- Product weight: 468 g
- Build height: 4.01"
- Patient weight limit: 250 lbs
- Includes Dust Cover and Elastic Extension Assist; accessories can also be purchased separately
- 12 month warranty



Description	Product No.
GeoLite 30 mm Tube distal	GEO-500
Accessories for GeoFlex and GeoLite Knees	
Elastic Extension Assist	GEO-021
Dust Cover	GEO-022
Bumper Replacement Kit (3 bumpers, fastener)	GEO-023
Extension Assist Tube Clamp	GEO-034
GeoFlex Threaded Clamp Adapter	GEO-025
Rail Bearing Repair Kit	GEO-030
Rail Pin Assembly, Detent Cap Kit	GEO-031
4-Hole Threaded Adapter	GEO-032
Stainless Steel AK Rotatable 3-Prong Base	FND-268002

Stabilized Knee

- Weight activated stance control
- Unique extension assist design features a quiet stainless steel wave spring; easier to adjust
- Extension motion is smoother than any other model
- Activity level: K1, K2
- Patient weight limit: 250 lbs
- Proximal and distal pyramid connections
- Product weight: Titanium, 447 g; Stainless Steel, 619 g
- 12 month warranty

Description	Product No.	
	Titanium	Stainless Steel
With the Extension Assist	STK-222	STK-224
Without the Extension Assist	STK-221	STK-223



Hosmer - Sargent Roy Hip Joint

- Designed for use with pelvic belt suspension for AK prostheses
- Plated drop-forged steel with clevis hinge for greater strength
- Nylon bushings and thrust bearings
- Friction adjustment locks in position and prevents slippage
- 10¹/₄" long

Description	Weight	Product No.
Small, 1" dia., 1/2" thick	9.9 oz	52625
Standard, 1 1/4" dia., 5/8" thick	11.2 oz	52624



Otto Bock - 7E4 Modular Single-Axis Hip Joint with Extension Assist, Free Motion

- Joint has an extension assist with lateral latex bands for stride control and a built-in adjustable extension stop bumper
- Largely similar to the 7E5; the extension assist limits the range of motion of the joint while walking
- Material: Aluminum
- Joint Flexion Angle: 120°
- Activity level: K2
- Product weight: 940 g
- Patient weight limit: 220 lbs
- Max height: 360 mm
- 12 month warranty

Product No. **7E4**



7E5 Modular Single-Axis Hip Joint with Manual Lock

- Built-in lock automatically secures the joint in extended position
- Flexion and extension are adjusted by sliding the extension stop on the tube
- Hip rotation is adjustable; for sitting, it can be disengaged using a lever
- Material: Aluminum
- Joint Flexion Angle: 120°
- Activity level: K1
- Product weight: 890 g
- Patient weight limit: 220 lbs
- Max height: 360 mm
- 12 month warranty

Description	Product No.	
	Left	Right
Modular Single Axis Hip Joint	7E5=L	7E5=R



7E7 Titanium Modular Single-Axis Hip Joint with Internal Extension Assist, Free Motion

- Continuously adjustable extension assist located in the lower section of the joint
- Low structural height minimizes the pelvic tilt in the seated position
- Abduction/adduction, flexion/extension and rotation can be continuously adjusted
- Upper section of the hip joint is screwed to the lamination plate in the socket and connected to the lower joint section through the hip's axis
- Material: Titanium
- Joint Flexion Angle: 130°
- Activity level: K2, K3
- Product weight: 875 g
- Patient weight limit: 220 lbs
- Max height: 360 mm
- 12 month warranty

Product No.

7E7



Hip Joints

4R56 Angled Tube Clamp Adapter

- For use with 7E4, 7E5, and 7E7 hip joint
- Establishes the connection between the pyramid adapter in the knee joint and the tube of the anteriorly located hip joint
- Product weight: 85 g
- Length: 34 mm
- Patient weight limit: 220 lbs

Description	Product No.
10° Angled	4R56
20° Angled	4R56=1



4R56=1

Trulife - Littig Hip Disarticulation System

- Energy storing, complete hip system
- Modifiable height for a more natural gait
- Four composite strut stiffnesses available
- Strut length: 14" (35.5 cm)
- Patient weight limit: 220 lbs
- Includes: Littig Hip Joint, 14" Strut, 10° Adapter
- 24 month warranty

Description	Product No.
Littig Hip System with Soft Strut	P28481
Littig Hip System with Medium Strut	P28482
Littig Hip System with Firm Strut	P28483
Littig Hip System with X-Firm Strut	P28484



Pelvic Bands

Description	Product No.
Steel, 280 g	P023300000
Aluminum, 98 g	P023200000
Plastic, 35 g	P023100000

Hip Joints

Description	Product No.
Steel Clevis, 382 g	P022200000
Lightweight Stainless Steel	
Regular 3/32" x 1 1/4", 166 g	P0223RG000
Small 3/32" x 1", 130 g	P0223SM000
Stainless Steel	
1/8" Heavy Duty, 234 g	P0223HD000
Titanium	
1/8" Heavy Duty, 137 g	P0223HD001
Plastic	
1/4" Polypropylene, 62 g	P022100000

