

Jim Chea  
 Legacy Program  
 Endoskeletal Knee Componentry

<b>Single Axis Constant Friction</b>	<b>Weight Limit in kg</b>	<b>Weight Limit in lbs</b>	<b>Length to Knee Center</b>	<b>Knee Weight</b>	<b>Knee Flexion ROM</b>	<b>Other Info</b>
Otto Bock 4R201	150	330				Packaged Supra System Kit Using 3R17
Otto Bock 4R202	150	330	37mm	530g	120	Packaged Supra System Kit Using 3R22
Hosmer Single Axis Friction Knee (SAFK) Titanium	135	300				Ext assist
Hosmer Single Axis Locking Knee (SALK)	135	300				For low activity pt, with manual lock
Otto Bock 3R22	125	275	37mm	530g	120	Stainless steel single axis constant friction with internal extension assist, for K1, K2 ambulators
Otto Bock 3R33	125	275	37mm	405g	120	Titanium single axis with manual lock, has extension assist, for K1
Black Max® Aluminum - Through Shaft 30mm Tube Clamp Distal	114	250				
Hosmer Single Axis Friction Knee (SAFK) Aluminum	100	220				Ext assist
Seattle Systems Manual Locking Knee	100	220		354g		Aluminum Manual Locking Knee w/Distal 30mm Tube Adapter
Seattle Systems Manual Locking Knee	100	220		333g		Aluminum Manual Locking Knee w/ double pyramid
Aulie 802 Nylon Knee	100	220				Water resistant knee, submersible
Ortho Europe ECO Systems Easiknee	100	220	65mm		120	Manual unlocking knee, automatic lock with full knee extension
Otto Bock 3R40	85	187	35mm	295g	140	Aluminum single axis with manual lock, for K1 ambulators

<b>Weight Activated Stance Control Single Axis Constant Friction</b>	<b>Weight Limit in kg</b>	<b>Weight Limit in lbs</b>	<b>Length to Knee Center</b>	<b>Knee Weight</b>	<b>Knee Flexion ROM</b>	<b>Other Info</b>
Hosmer Weight Activated Locking Knee (WALK) Titanium	135	300		350g		Ext assist

Ortho Europe Titanium Safety Knee with Extension assist	135	300		343g		Ext assist
Endolite Stabilised Knee (ESK)	120	264			140	
Ohio Willow Wood Stabilized Knee	113	250				
Otto Bock 3R49 Titanium	100	220	40mm	355g	150	Single axis constant friction with weight activated brake and extension assist, K1, K2 ambulators
Otto Bock 3R15 Steel	100	220	40mm	355g	150	Single axis constant friction with weight activated brake and extension assist, K1, K2 ambulators
Ossur TKO 1500	100	220	24mm	500g	130	Designed for K2 ambulator, mechanical friction with weight activated stance control, extension assist optional
Hosmer Weight Activated Locking Knee (WALK) Aluminum	100	220		316g		Ext assist
Hosmer Stabilized Pyramid Knee (SPK)	100	220				Ext assist
Ortho Europe Atlas Ti International	100	220				

Single Axis Fluid Stance and Swing Control	Weight Limit in kg	Weight Limit in lbs	Knee Length	Knee Weight	Knee Flexion ROM	Special Instructions
Seattle Systems BlackMax Short	159	350				With ext stop only
Seattle Systems ProSport Short	159	350				With ext stop
Ossur Mauch Gaitmaster Low Profile	147	325	16mm	1020g	135	Single Axis knee available in both swing phase control only or swing and stance phase control with a manual lock, aluminum frame
Hosmer Entegra Single Axis Knee	135	300				Single axis knee frame, hydraulic unit optional
Ossur Mauch XG	129.5	285	21mm	710g	135	Single Axis knee available in both swing phase control only or swing and stance phase control with a manual lock, carbon fiber frame
Ossur Mauch Gaitmaster	125	275	16mm	1140g	135	Single Axis knee available in both swing phase control only or swing and stance phase control with a manual lock, aluminum frame
Ortho Europe Ultimate Knee	125	275	8mm			Hydraulically controlled stance phase and swing phase. Very long

Endolite Mercury Knee	120	264		1134g		
Endolite 160 Hi Activity	120	264			120	Single axis HD carbon fiber knee frame with CaTech hydraulic unit
Endolite Stanceflex Uniaxial Knee Chasis (SFEUK)	120	264			115	Single axis carbon fiber knee frame with CaTech hydraulic unit
Endolite Servo Pneumatic Swing Phase Control (PSPC)	120	264		270g		Pneumatic swing phase control knee
Endolite 160 Universal Shin Range	120	264				Single axis carbon fiber knee frame with CaTech hydraulic unit
Otto Bock 3R80	100	220	60mm	1100g	135	Single axis rotary with hydraulic swing and stance phase control, for K3 or K4 ambulators
Otto Bock 3C1	85	187	40mm	1040g	105	Single axis hydraulic swing and stance phase control with carbon composite frame, for K3 or K4 ambulators

<b>Single Axis Fluid Swing Control Only</b>	<b>Weight Limit in kg</b>	<b>Weight Limit in lbs</b>	<b>Knee Length</b>	<b>Knee Weight</b>	<b>Knee Flexion ROM</b>	<b>Special Instructions</b>
Otto Bock 4R203	150	330	40mm	350g	135	Packaged Supra System Kit Using 3R45
Ossur Mauch Gaitmaster Low Profile	147	325	16mm	1020g	135	Single Axis knee available in both swing phase control only or swing and stance phase control, aluminum frame
Ossur Mauch XG	129.5	285	21mm	1000g	135	Single Axis knee available in both swing phase control only or swing and stance phase control, carbon fiber frame
Ossur Mauch Gaitmaster	125	275	16mm	1140g	135	Single Axis knee available in both swing phase control only or swing and stance phase control, aluminum frame
Otto Bock 3R45	125	275	40mm	350g	135	Aluminum knee joint with hydraulic swing phase control, for K3 or K4 ambulators
Medipro OP4	100	220	30mm	635g		Single axis weight activated stance control, pneumatic swing control
Medipro OP3	100	220				Single axis weight activated stance control, pneumatic swing control
Otto Bock 3R95=1	75	165	40mm	340g	155	Aluminum knee joint with hydraulic swing phase control, for K3 or K4 ambulators

<b>Standard Polycentric</b>	<b>Weight Limit in kg</b>	<b>Weight Limit in lbs</b>	<b>Knee Length</b>	<b>Knee Weight</b>	<b>Knee Flexion ROM</b>	<b>Special Instructions</b>
Hosmer SpectrumEX 4 bar knee	135	300	1 5/16"	794g		Polycentric with pneumatic swing and ext assist
Otto Bock 3R30	125	275	18mm	655g	110	Titanium polycentric knee with constant friction swing phase control and extension assist, for K1, K2 ambulators
Endolite Slim Profile 4 bar Knee Disarticulation	120	264	27mm		125	Polycentric knee for KD available with pneumatic swing phase unit or semi automatic knee lock
Ohio Willow Wood GeoFlex	113	250				Friction-controlled polycentric knee for less active pt, provides stance flexion and stability up to 20 degrees of flexion
Ohio Willow Wood GeoLite	113	250				Friction-controlled polycentric knee for less active pt, provides stance flexion and stability up to 20 degrees of flexion, lighter weight
Otto Bock 3R36	100	220	37mm	445g	120	Titanium polycentric constant friction knee with internal extension assist, for K1, K2 ambulators
Ossur Total Knee 1900	100	220	24.5mm	620g	160	7 axis polycentric with polymer friction knee control and stance flexion for less active lifestyle, extension assist optional
Medipro OP2	100	220	12.7mm			Moderate activity levels, independent flexion and extension adjustments
Medipro OFM1 Locking Knee	100	220	12.7			Manual locking
Medipro OM8 Polycentric Knee	100	220		430g		Light weight knee for low activity pt
Hosmer MightMite 4 bar knee	60	132		257.9g		Designed for geriatric, pediatric and petite adults up to 132 lbs, adjustable extension assist
Ossur Total Knee 1100 Junior	45	100	19.25mm	338g	160	Aluminum 7 axis polycentric with stance flexion for less active lifestyle, extension assist optional
Hosmer 4 bar knee						Polycentric lightweight knee with ext assist and optional lock
DAW Child's System 4 Bar Friction knee				369g		4 bar lightweight child knee
DAW 5 bar friction knee						
Fillaur MightyMite 4 Bar Knee						

<b>Polycentric with Fluid Control Swing</b>	<b>Weight Limit in kg</b>	<b>Weight Limit in lbs</b>	<b>Knee Length</b>	<b>Knee Weight</b>	<b>Knee Flexion ROM</b>	<b>Special Instructions</b>
Ossur Total Knee 2100	125	275	24.5mm	925g	160	7 axis polycentric with hydraulic swing knee control and stance flexion for active lifestyle, extension assist optional
Otto Bock 3R55	110	242	40mm	730g	112	Titanium polycentric hydraulic swing phase control, for K3 or K4 ambulators
Ossur Total Knee 2000	100	220	24.5mm	660g	160	7 axis polycentric with hydraulic swing knee control and stance flexion for moderately active lifestyle, extension assist optional
Otto Bock 3R72	100	220	34mm	780g	140	Aluminum polycentric with pneumatic swing phase control, for K3 ambulators
Otto Bock 3R60	100	220	36mm	920g	150	Aluminum polycentric with hydraulic swing phase and stance flexion mechanism, for k3 ambulators
Medipro OHP3	100	220	19mm	870g		4 bar with pneumatic swing control and stance flexion
Otto Bock 3R60=1	75	165	36mm	920g	150	Aluminum polycentric with hydraulic swing phase and stance flexion mechanism, for K3 ambulators
Otto Bock 3R106=1	75	165	10mm	778g	170	Aluminum polycentric with pneumatic swing phase control, for K3 ambulators
Otto Bock 3R105=1	75	165	10mm	778g	170	Aluminum polycentric with pneumatic swing phase control, for K3 ambulators
Daw 5 bar true variable cadance high activity						
Daw 5 bar true variable cadance						

<b>Polycentric for Knee Disarticulation</b>	<b>Weight Limit in kg</b>	<b>Weight Limit in lbs</b>	<b>Knee Length</b>	<b>Knee Weight</b>	<b>Knee Flexion ROM</b>	<b>Special Instructions</b>
Otto Bock 3R46	125	275	18mm	730g	112	Titanium polycentric hydraulic swing phase control for knee disarticulation, for K3 or K4 ambulators
Otto Bock 3R32	125	275	18mm	660g	110	Titanium polycentric manual lock, locks for swing phase, fro knee disarticulation, K1
Otto Bock 3R60=KD	100	220	36mm	920g	150	Aluminum polycentric with hydraulic swing phase and stance flexion mechanism for knee disarctication, for K3 ambulators

Daw 5 bar true variable cadance knee disarticulation						
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<b>Microprocessor Controlled</b>	<b>Weight Limit in kg</b>	<b>Weight Limit in lbs</b>	<b>Knee Length</b>	<b>Knee Weight</b>	<b>Knee Flexion ROM</b>	<b>Special Instructions</b>
Otto Bock C-Leg 3C88	125	275	27mm	1100g	125	Microprocessor controlled single axis knee joint in high activity carbon composite frame, swing and stance adjustable, with load sensors
Otto Bock C-Leg 3C98	125	275	38mm	1100g	125	Microprocessor controlled single axis knee joint in high activity carbon composite frame, swing and stance adjustable, with load sensors
Endolite Adaptive Knee	120	264	30mm	1500g	140	Microprocessor controlled hydraulic and pneumatic knee, for high activity
Endolite Intelligent Prosthesis Plus	120	264		1000g	140	Microprocessor controlled swing only,
Ossur Rheo		198				Magnetic microprocessor controlled stance and swing single axis knee joint
DAW The Self Learning Knee						