



Össur
Paso and Knee Wall Chart

Össur Paso

Modelled on nature, the Össur Paso allows for powerful, precise movements.

Taking inspiration from the Paso Fino horse breeds in South America the Össur Paso knee joint adapts instantly to changing speeds (up to 7km/h) to provide the user with freedom of movement and safety simultaneously. It also makes life easier; simply unpack, assemble and align, as it is no longer necessary to adjust the pneumatic unit, thus saving valuable time.



Order Information

Part Number	Description
NOPASO	Pneumatic knee joint pyramid adapter
NKPASO	Pneumatic knee joint lamination adapter

Features



High degree of safety and a harmonious gait. The intelligent swing phase control adapts automatically to the user's current walking speed. At the same time, this enables a fast walking speed of up to 7 km/h.



Takes into account the individual user's need for safety. The actuation time of the knee joint can be adapted by using the Össur Dynamic Set to match the user's degree of activity and need for safety.



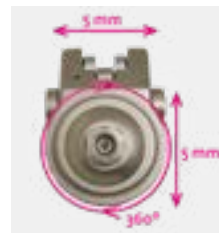
Special stability during the stance phase. In the extension phase, the special articular geometry of Össur Paso prevents uncontrolled flexion at heel strike. The joint will only allow controlled flexion at the transition from mid stance to toe off.



Pyramid adapter Kit
N1970863














Lamination adapter Kit
N1970862



Simple optimisation of prosthesis alignment thanks to the AP/ML shift of 5 mm and full pivoting with all the proximal adapter variants (exception: IKF-adapter). With the loop adapter (e.g. prosthesis for knee disarticulation), special adjustment washers can be used to tilt the socket by an angle of up to 10° in any direction. Thus the alignment can be optimised without major effort – even after the test phase.

Note: Steeper are exclusive UK distributors of these products.

	Össur knee joints										
Features and performance details	Monolock NOFMO	NOM8	NOFM2	NOFM1/NKFM1	NOP2	NOP4	NOP5/NKP5	NOHP3/NKHP3	NOPASO/NKPASO	NOH5/NKH5	NOH7/NKH7
Description	Mechanical knee joint with lock.	Mechanical polycentric knee joint.	Mechanical, load-dependant safety knee joint with locking option.	Polycentric mechanical manual lock knee joint.	Pneumatic, load dependant polycentric safety knee joint.	Pneumatic, monocentric knee with weight activated brake.	Polycentric pneumatic knee joint.	Pneumatic knee joint.	Auto adjusting pneumatic knee joint.	Polycentric hydraulic knee joint.	Polycentric hydraulic knee joint.
											
Benefits	The lightweight, compact and robust Monolock has been designed to meet the needs of those users who only require a semi automatic locking unit. The positive and audible locking mechanism gives users the confidence to know that, once fully extended, the knee will be secure. The simple pull up lock lever easily unlocks without the need to offload the knee, making for easy transition from standing to sitting.	The polycentric construction of this knee joint provides improved ground clearance in swing phase. The extension and flexion profile can be adjusted to the individual care needs using the integrated extension spring, and very acute flexion of the knee joint is possible. The adjustable geometry allows the knee's geometric stability to be increased or decreased, dependant on the user's ability. All of these features are particularly advantageous for patients when kneeling, sitting, or getting into the car.	The NOFM2 is a small lightweight monocentric unit which can be used as a free knee with weight activated stance stability, but which also comes complete with a lock mechanism and thigh release, making this a very versatile unit.	The polycentric construction of these knee joints provide improved ground clearance in swing phase and can be easily converted to SAKL or HOKL with the positive locking action. The compact, versatile and lightweight NOFM1 can be used as a free knee with geometric stance stability. Whilst the NKFM1 comes with a laminating adapter, complete with adjustable alignment discs, making it particularly suitable for users with very long residual limbs.	This lightweight, polycentric knee has a pneumatic cylinder that provides smooth swing phase control. It is compact and slim, making it an ideal option for use with children who have outgrown paediatric knee units, or for adults who require a slim cosmesis. The adjustable geometry allows the knee's geometric stability to be increased or decreased, dependant on the user's ability.	The NOP4 is a slim and lightweight monocentric knee unit, which has a weight activated stance control mechanism, with pneumatic swing phase control. This popular design is easily adjusted to allow a very positive brake, while still allowing a smooth transition into swing.	The polycentric construction of these knee joints provide good stance stability, by means of its geometry, and a smooth pneumatically controlled swing phase, with independent adjustment of flexion and extension. The NOP5 is supplied with a male pyramid adapter to allow angular adjustments. Whilst the NKP5 comes with a lamination adapter, complete with adjustable alignment discs, making it particularly suitable for users with very long residual limbs.	The high performance cylinder with independent adjustment of both flexion and extension, allows these knee joints to be used for patients of mobility class 3. They also provide a high degree of geometric stance stability, by means of their long side links, and a smooth pneumatically controlled swing phase. The NOHP3 is supplied with a male pyramid adapter to allow angular adjustment, whilst the NKHP3 comes with a lamination adapter, complete with adjustable alignment discs, making it particularly suitable for users with very long residual limbs.	The compact and robust NOPASO/NKPASO provides a high degree of geometric stance stability, by means of their long side links. The smooth pneumatically controlled swing phase automatically adapts to a wide range of walking speeds with no other adjustment required and is capable of higher speeds, including running, provided the prosthetist is sure of the user's capacity to do so. The NOPASO is supplied with a male pyramid adapter to allow angular adjustment, whilst the NKPASO comes with a lamination adapter, complete with adjustable alignment discs, making it particularly suitable for users with very long residual limbs.	These hydraulic, polycentric knee joints can be independently adapted to suit a range of walking speeds. The NOH5/NKH5 are geometrically locked at heel strike, and at toe off, the knee unlocks to allow a smooth transition into the swing phase. This is controlled by a hydraulic unit with three valves, two controlling the flexion and the third controlling the extension. The NOH5 is supplied with a male pyramid adapter to allow angular adjustment. The NKH5 comes with a lamination adapter, complete with adjustable alignment discs, making it particularly suitable for users with very long residual limbs.	The NOH7/NKH7 is a polycentric knee unit which is geometrically locked at heel strike. At toe off the knee unlocks to allow a smooth transition into the swing phase. This is controlled by a hydraulic unit with three valves, two controlling the flexion and the third controlling the extension. These are independently adjustable to suit a range of walking speeds. The NOH7/NKH7 has the same mobility rating as the NOH5/NKH5, but some specification changes, allow an increase of the weight limit to 136kg.
Group	Mechanical	Mechanical	Mechanical	Mechanical	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Hydraulic	Hydraulic
Swing phase speed	approx. 1km/h	approx. 2km/h	approx. 2km/h	approx. 2km/h	approx. 4km/h	approx. 4km/h	approx. 4km/h	approx. 5km/h	approx. 7km/h	approx. 10km/h	approx. 10km/h
Maximum body weight	125kg	136kg	125kg	136kg	125kg	100kg	125kg	125kg	136kg	100kg	136kg
Mobility class	1	1, 2	1, 2	1, 2	2, 3	2, (3)	2, (3)	(2), 3	(2), 3, 4	3, 4	3, 4
Optional lock			●	●							
Auto lock	●										
Adjustable ICR geometry		●			●			●	●		●
Adjustable brake unit			●			●					
Optional ICR wedges								●	●	●	●
Adjustable swing phase friction		●		●							
Integral extension assist		●	●	●						●	●
Extension/flexion valves separately adjustable					●	●	●	●	●	●	●
Three independently adjustable flexion/extension valves										●	●
Increased ground clearance		●		●	●		●	●	●	●	●
Adapter options				●			●	●	●	●	●
High knee flexion angle		●	●	●	●	●	●	●	●	●	●
Auto adaptive swing phase control									●		
Part Number	NOFMO	NOM8	NOFM2	NOFM1 (Pyramid adapter) NKFM1 (Lamination adapter)	NOP2	NOP4	NOP5 (Pyramid adapter) NKP5 (Lamination adapter)	NOHP3 (Pyramid adapter) NKHP3 (Lamination adapter)	NOPASO (Pyramid adapter) NKPASO (Lamination adapter)	NOH5 (Pyramid adapter) NKH5 (Lamination adapter)	NOH7 (Pyramid adapter) NKH7 (Lamination adapter)

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