

Symphony

6 BAR HYDRAULIC KNEE

YOUR LIFE. YOUR WAY.



Fluidity, functionality, safety; a perfect composition

The Symphony Knee is designed with a unique, 6 Bar polycentric structure that provides an extremely high level of stability during stance phase. Its innovative mechanical sensor, the p-MRS system, automatically detects gait status and controls the stability of the knee joint accordingly. Its hydraulic cylinder provides a smooth swing phase and works with the Symphony's adjustable stance flexion feature to enhance the patient's ambulatory experience and provide a comfortable, confident gait to the user.

SPECIFICATIONS

- 6 Bar hydraulic knee
- Adjustable stance flexion
- Easy to access user adjustable manual lock
- High level of stability due to geometric locking of the knee through toe off
- Low build height
- Unique hydraulic cylinder design allows easy flexion initiation
- Convenient and user friendly 7.75in overall height
- High maximum flexion angle of 170°

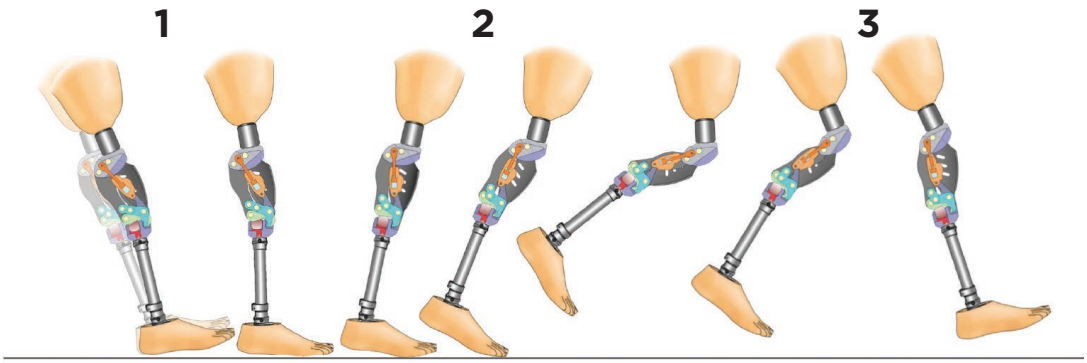
PROTEOR

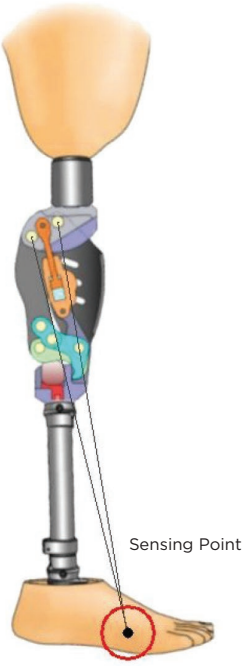
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The p-MRS system seamlessly switches from swing phase to stance phase, providing a smooth and natural gait.





1. HEEL CONTACT

The p-MRS system immediately locks the knee joint geometrically for the user's safety, and limits knee flexion to a maximum of 10°

2. LATE STANCE

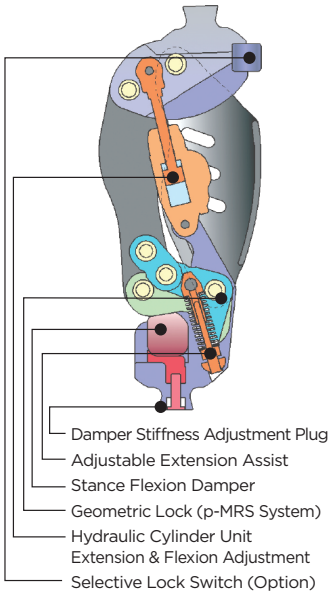
When the p-MRS system detects ground reaction force at toe, the joint naturally releases the lock and smoothly shifts to swing phase.

3. SWING PHASE

A compact and powerful hydraulic cylinder naturally responds to various walking speeds.

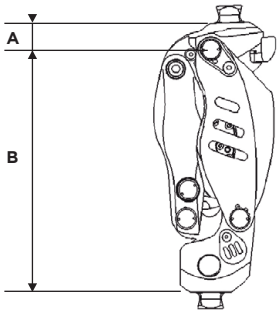
P-MRS SYSTEM

The Symphony's p-MRS system is an innovative, mechanical sensor that reacts to ground force reactions. The p-MRS system reacts to the position of the center-of-mass, controlling knee stability in response.





Model Number	NK-6	NK-6+L	NK-6 SH	NK-6 SH+L
Proxical Connection	Male Pyramid Adapter		Screw Head	
Selective Lock	—	O	—	O
Total Length	7.75" (197mm)		7.5" (191mm)	
A ref. measurement	.5" (114mm)		.5" (14.5mm)	
B ref. measurement	6.125" (156mm)		6.125" (156mm)	
Weight	2lbs. (920g)	2.16lbs. (970g)	2.11lbs. (960g)	2.23lbs. (1010g)
Max Knee Flexion Angle	170°			
Material	Titanium & Aluminum			
Max Body Weight	275lbs. (125kg) — 220lbs. (100kg) for Hip Prosthesis & High Active Use *Compliance with ISO P6(A-125kg)*			
Mobility Grade	Low ~ Mid Activity (K-Level 2-3)			
Suggested L-codes	L5814, L5845, L5848, L5850, L5925 (NK-6+L, NK-6SH+L), L5930 (K4 only)			



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