

ORTHO
SYSTEMS

2000
2026

Years in motion



Excellence in Neuro-Orthopedics

Your Patient – Our Contribution

Catalogue
Excerpt

Orthotics 14.0
Valid from July 2026

Modos 1D Hip Joint



Features

Sizes available for **small to large** patients

+ **Locking button** preloads the lock; engages automatically on extension.

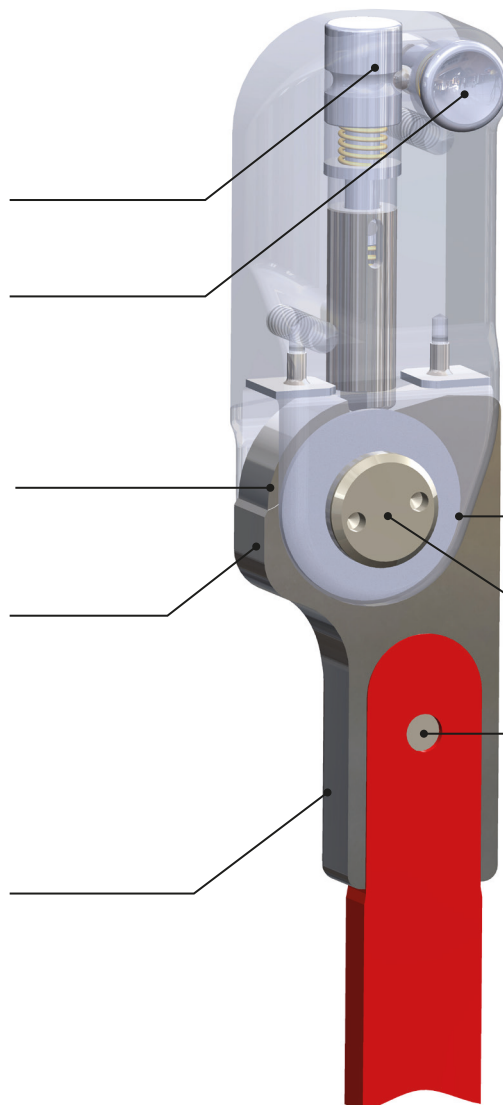
+ **Unlocking button** pre-selects release; hip extension relieves pin tension and unlocks joint for sitting

+ **Pre-Selected** locking mechanism with 2-stage opening and closing

+ **Adduction and adduction is blocked.** 12° flexion stop can be increased as required for step length.

+ **Joint flexes to 90°** when unlocked for sitting; **can be increased**

Lower section made of high-strength, **hardened steel**



Standard

Fully assembled for clear cost estimates and uncomplicated ordering

Secure and adjustable connection to pelvic band

Upper section fabricated from **high-strength aluminium**

High-strength steel washers for smooth operation free of play

Maintenance-free, high-strength steel joint assembly with self-lubricating bearing

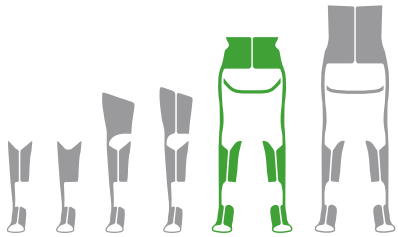
Machined upright and offset connection ensure **optimal transfer of force**

Unrivalled **20-month guarantee**

Engraved **serial number** for traceability

Clearly illustrated instructions for use

Fig. left



We recommend using our configurator to make your selection.
The configurator considers, among other factors, weight to height ratios.



Weight Classification (body weight)			Joint		
Article No.	Article No.	HKAFO	Width	Thickness	Height
Modos-1D-klein	Modos-1D-AG-klein	up to 20 kg	32,5 mm	23,0 mm	112,5 mm
Modos-1D-klein-Plus	Modos-1D-AG-klein-Plus	up to 30 kg	32,5 mm	23,0 mm	114,0 mm
Modos-1D-mittel	Modos-1D-AG-mittel	not yet available	-	-	-
Modos-1D-groß	Modos-1D-AG-groß	not yet available	-	-	-

AG = custom fabricated



				Step Length	with Pelvic Rotation	Abduction	
Partially Restricted	Locking Mechanism	Extension	Flexion				and Adduction



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