

**ORTHO**  
SYSTEMS

2000  
2026  
Years in motion



# Excellence in Neuro-Orthopedics

Your Patient – Our Contribution

**Catalogue**  
Excerpt

Orthotics 14.0  
Valid from July 2026

# Liber Knee and Hip Joint



## Features

**Waterproof** for all situations

Sizes available for the **smallest to largest** patients

Available with **long or short uprights**

Additional functions with the  
**Extensor-N** or **Extensor-S** add-ons

+ Maximum **extension 5°** and **flexion 140°**

+ **Posterior offset** proportionally adjusted to joint size

+ **Noise dampener** with self-locking  
setscrew for higher patient acceptance

Fabricated from **high-strength titanium**

## Standard

**Fully assembled** for clear cost estimates  
and uncomplicated ordering

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

Upper section **CNC-machined from one piece**  
of material for increased stability

**Precise assembly** calibrated to 1/100mm with self-  
lubricating washers for smooth operation free of play

**Maintenance-free** stainless steel joint assembly  
with bronze bushing

Unrivalled **20-month guarantee**

Engraved **serial number** for traceability

**Clearly illustrated** instructions for use

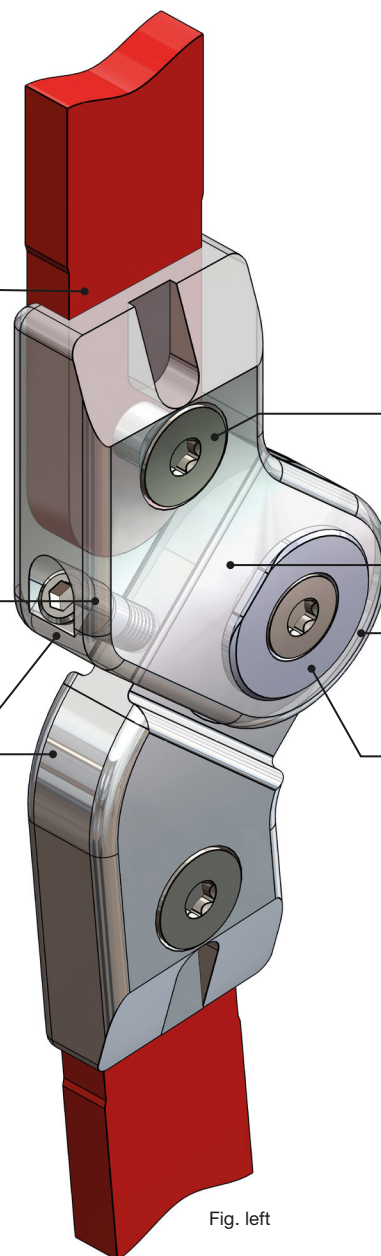
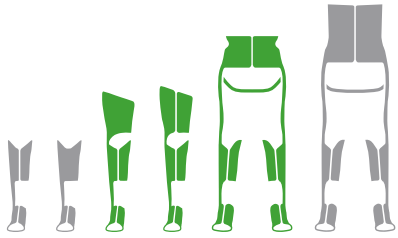


Fig. left

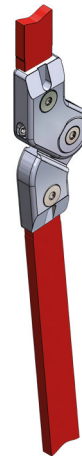


We recommend using our configurator to make your selection (KAFO/HKAFO).  
The configurator considers, among other factors, weight to height ratios.



#### Weight Classification (body weight)

| Article No.   | KAFO         | HKAFO        | HKAFO Hip    |
|---------------|--------------|--------------|--------------|
| Liber-22      | up to 15 kg  | up to 15 kg  | up to 15 kg  |
| Liber-25-Plus | up to 30 kg  | up to 25 kg  | up to 25 kg  |
| Liber-28      | up to 40 kg  | up to 35 kg  | up to 35 kg  |
| Liber-30      | up to 50 kg  | up to 45 kg  | up to 45 kg  |
| Liber-30-Plus | up to 70 kg  | up to 60 kg  | up to 60 kg  |
| Liber-34      | up to 110 kg | up to 85 kg  | up to 85 kg  |
| Liber-34-Plus | up to 140 kg | up to 110 kg | up to 110 kg |



#### Joint

| Length | Width | Thickness | Weight | Posterior Offset |
|--------|-------|-----------|--------|------------------|
| 73 mm  | 22 mm | 12 mm     | 38 g   | 12,5 mm          |
| 93 mm  | 25 mm | 12 mm     | 76 g   | 15,5 mm          |
| 103 mm | 28 mm | 14 mm     | 111 g  | 16,5 mm          |
| 112 mm | 30 mm | 16 mm     | 143 g  | 17,5 mm          |
| 112 mm | 30 mm | 16 mm     | 143 g  | 17,5 mm          |
| 123 mm | 34 mm | 19 mm     | 210 g  | 22,0 mm          |
| 123 mm | 34 mm | 24 mm     | 270g   | 22,0 mm          |

Locked



Extension



Flexion



Posterior Offset



Modular

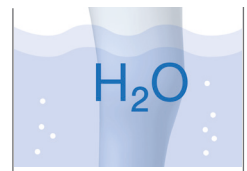
Force Options



No Grinding Necessary



Noise Dampening



Water Resistant



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