

# Functional Overview Hip Joints



**RGO:** Reciprocating hip joints are generally indicated for use in patients with lesions at levels TH-5 to L-3. Here we distinguish between two different variants: one or two dimensional (1-D or 2-D). Conventional 1-D joints provide movement in flexion / extension, while 2-D hip joints add a pelvic rotation component for improved, smoother walking. Safety lock uses a pre-select system which prevents unwanted opening of the joint. Stabilization and motion transmission take place via a rocker-bar mechanism, which we can custom fabricate according to your specifications (model "AG"). **HKAFO:** Partially restricted hip joints for HKAFOs are indicated for use in patients with lesions at levels L-3 to L-5, or for other diagnoses which necessitate hip stabilization. Here we distinguish between three different variants: 1-D, 2-D and 3-D. 1-D joints permit motion in flexion / extension only; 2-D joints add a pelvic rotation component for increased step length; 3-D hip joints include abduction. Unlocking takes place using a lever mechanism. Stabilization of the pelvis takes place via a pelvic band, which we can custom fabricate according to your specifications (model "AG").

		1D		2D		3D			
	Locked	Extension	Flexion	Step Length	with Pelvic Rotation	Abduction and Adduction	No Grinding Necessary		
RGO									Buran-2-D
RGO									Revo-2-D
RGO									Revo-1-D
HKAFO									Fokus-3-D
HKAFO									Fokus-2-D
HKAFO									Fokus-1-D