

Hydraulic knee joint

Brief Description



The objective of this device is to rehabilitate amputees of leg (above knee). It consists of Fixed Pivot Knee, having a linear type hydraulic damper and an extension assist spring housing arm. The joint bends as natural knee with speed can be adjusted according to the patient.

Specifications

- Compressive strength up to 220 lbs
- Low profile design allows kneeling with reduced chance of damage to clothes
- Knee ball rounded flexion = 120°
- Locking: Automatic on standing

Features

- Simple in manufacturing, light weight
- Low manufacturing cost

Applications

Prosthesis for amputees of lower limb

Possible users

- Armed Forces
- Industry workers
- Accident victims