

SPECTRUM CASTOR OPTIONS

FREE MOVEMENT Standard / large		STABLE BEFORE SITTING Brake / friction brake		STABLE WHILE SEATED Reverse brake	CONTROLLED / FIXED Manual brake / glides
OPTION	WHEN OCCUPIED	WHEN UNOCCUPIED	SUITABLE FOR	CLINICAL SELECTION NOTE	
 Standard castor 50 mm	Free-wheeling	Free-wheeling	Carpet; traditional low-profile 5-star base	General office mobility where no braking function is needed.	
 Brake castor (Friction brake)	Wheels freely under the user's full weight	Locks when unoccupied	Transfer safety; laboratory settings	Helps stop the chair rolling away as the user lowers into it. Consider where roll-away during sitting is a concern.	
 Soft Wheel castor	Free-wheeling, with greater rolling resistance	Free-wheeling	Timber, soft vinyl, concrete and other hard floors	Polyurethane rim protects softer floors and reduces over-free rolling on very smooth hard surfaces.	
 Soft Wheel Brake castor	Wheels freely under the user's full weight	Locks when unoccupied	Timber/soft vinyl; clinic, laboratory or factory settings	Combines floor protection with roll-away prevention during sitting.	
 Reverse Brake castor	Locks when occupied	Wheels freely	Surgical or clinical settings	Provides stability while the user is seated.	
 Manual Brake castor	Locked or free, as manually selected	Locked or free, as manually selected	When movement is only occasionally required	Offers deliberate control. Check that the user or support person can reach, understand and operate the levers reliably.	
 Large castor 60 mm	Free-wheeling; rolls more easily than a 50 mm castor	Free-wheeling	Users needing easier chair movement	May reduce effort needed to reposition the chair. Assess whether extra mobility could increase transfer or drift risk.	
 Glide 40 mm high	No rolling movement	No rolling movement	Factory, machinery or any fixed-chair situation	Maximum positional stability. Chair sits approximately 20–30 mm lower than with standard castors; reassess seat height, foot support and desk clearance.	

Clinical note: Castor choice changes how a chair behaves during approach, transfer, seated activity and standing. Trial the proposed option where falls risk, lower-limb weakness, impaired balance, cognition or unusual flooring may affect safe use.