



InnoBogies
ELH Eisenbahnlaufwerke Halle
Y 25Lsi(f)-C



Güterwagen-Drehgestell	Y 25 Lsd ₁ - UIC	ELH Y 25Lsi(f)-C	ELH Optitrack
Design number			2ELH 725.0.04.000.100
Main dimensions/Gauge	according UIC-Leaflet 510-1/1435 mm		
Frame design	welded		
Frame length	3250 mm	2783 mm	mm
Frame width over axlebox	2347 mm	2335 mm	2342 mm ¹
Pivot design	spherical, as UIC 510-1		
Hight of frame lower rim above top of rail	mm	875 mm	mm
Hight of pivot top rim above top of rail	925 mm	925 mm	925 mm
Hight of side bearer top rim above top of rail	905 mm	905 mm	905 mm
Lateral Distance of side bearer	1700mm	1700 mm	1700 mm
Wheelset base	1800 mm	1800 mm	2000 mm
Wheelset type/Profile	DB BA 002 or 004/NN	DB BA 004/S 1002	NN/P 10
Lateral distance between bearing centres	2000 mm		
Wheel diameter (new/worn)	920mm/840 mm	920mm/840 mm	920/___ mm
Bearing type (at delivery)	z. B. DB BA 082/182	DB BA 182	Timken
Wheelset guidance	longitudinal rigid		
Wheelset cross game	± 10 mm	± 10 mm	± ___ mm
Wheelset length game	± 0 mm	± 0 mm	± ___ mm
Maximum axle load (Max. AL)	22,5 t	22,5 t	25,4 t
Suspension (bogie against axles):	Coil springs, left hand coiled		
Number of coil springs	4 + 4		
Diameter inner spring/Thickness of spring steel	24,4 mm/___ mm	24,4 mm/___ mm	___ mm/___ mm
Diameter outer spring/Thickness of spring steel	31,0 mm/___ mm	31,0 mm/___ mm	___ mm/___ mm
Number of turns inner/outer spring	7,4/5,7	___/___	___/___
Brake	Wagon body/ conventional	Integrated pneumatic compact brake Unit	Wagon body/ conventional
Brake type	Brake blocks (Bgu), both-sided	Brake blocks (Bgu) single-sided	Brake blocks (Bg) single-sided
Material of brake blocks (at delivery)	misc.	Cosid 810	Becorit K 961
Maximum speed (empty/loaded)	120/100 km/h		
Weigh (basic version)	≤ 4500 kg	4152/4184/4210 kg ²	4500 kg
Designer	div.	ELH	ELH
First year of production	before 1995	2007	2006

¹ above outside damping link; ² Basic version/Handbrake shaft/Parking brake