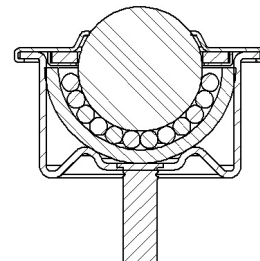
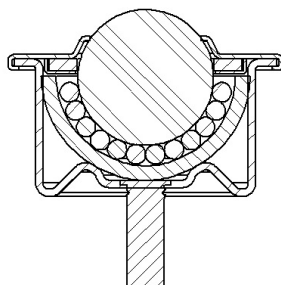


Ball Caster with sheet steel casing, collar and threaded pin



Designation	Material of bearing ball	Dimensioning							Sealing felt	Load bearing capacity (kg)
		Ø D1 (mm)	Ø D2 (mm)	Ø D3 (mm)	H1 (mm)	H2 (mm)	Ø D6 (mm)	L3 (mm)		
Tolerances	-	-	-	+/- 0.1	+/- 0.1	+/- 0.1	+/- 0.2	+/- 0.5	-	-
Ball caster / ball transfer units with sheet steel casing, collar and threaded pin										
022.004-MD6xL3	Tool steel	22.225	36.0	45.0	45.5	10	M-D6*	L3*	yes / no	70
022.014-MD6xL3	Plastic	22.225	36.0	45.0	45.5	10	M-D6*	L3*	yes / no	50
022.024-MD6xL3	Stainless steel	22.225	36.0	45.0	45.5	10	M-D6*	L3*	yes / no	70
Ball caster / ball transfer units made entirely of steel with collar and threaded pin										
022.034-MD6xL3	Stainless steel	22.225	36.0	45.0	45.5	10	M-D6*	L3*	yes / no	70

* = selectable length L3 (20, 25, 30, 34 mm) possible by request / D6 as M6 or M8

Design and construction

This Schulz ball caster / ball transfer unit consists of three stamped parts, the casing, bearing shell, threaded pin, a bearing ball and several support balls.

Dimensions

The spacing is calculated by dividing the shortest edge length of the object to be transported by 3.5.

Materials

Casing, top cover:	galvanised steel, stainless steel
Ball cup:	tempered steel, tempered stainless steel
Threaded Pin:	galvanized steel
Support balls:	tool steel (tempered), stainless steel (tempered)
Bearing ball:	tool steel (tempered), stainless steel (tempered), plastic

Operational conditions

Temperature range from -30°C to +100°C (up to +30°C with plastic bearing ball)

Conveyance velocity of up to 1.5 m/s.

Dynamic load rating up to max. 150 kg.