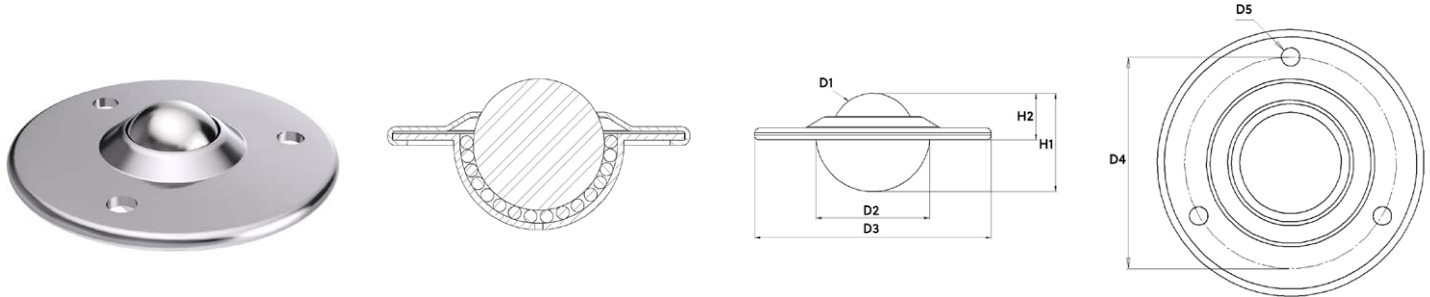


## Ball caster with countersunk sheet steel casing



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 D4 (mm)	Ø D5 (mm) Anzahl		
Tolerances	-	-	+/- 0.2	-	+/- 0.2	+/- 0.1	-	-	-	-
<b>Ball caster / ball transfer units with countersunk sheet steel casing (Flange fixed units), galvanised</b>										
015.200	Tool steel	15.875	22.2	41.3	18.5	10.2	30	3.5 / 2 x	yes / no	12
019.200		19.050	29	61	22	10	44.5	5.1 / 3 x	yes	25
019.201		19.050	29	49	23	10	35	5.1 / 2 x	yes	25
025.200		25.400	38.1	73	30	14.2	55.6	5.1 / 3 x	yes	55
032.200		31.750	45.5	73.8	36	16.2	58.7	5.1 / 3 x	yes	125
040.200		40.000	63	94.6	48.5	21.2	70.2	7.0 / 3 x	yes	225
015.210	Plastic	15.875	22.2	41.3	18.5	10.2	30	3.5 / 2 x	yes / no	10
019.210		19.050	29	61	22	10	44.5	5.1 / 3 x	yes	20
019.211		19.050	29	49	23	10	35	5.1 / 2 x	yes	25
025.210		25.400	38.1	73	30	14.2	55.6	5.1 / 3 x	yes	40
032.210		31.750	45.5	73.8	36	16.2	58.7	5.1 / 3 x	yes	90
040.210		40.000	63	94.6	48.5	21.2	70.2	7.0 / 3 x	yes	110
076.210		76.000	94.5	137.8		42.2	118	8.0 / 3 x	yes	140
015.220	Stainless steel	15.875	22.2	41.3	18.5	10.2	30	3.5 / 2 x	yes / no	12
019.220		19.050	29	61	22	10	44.5	5.1 / 3 x	yes	25
019.221		19.050	29	49	23	10	35	5.1 / 2 x	yes	25
025.220		25.400	38.1	73	30	14.2	55.6	5.1 / 3 x	yes	55
032.220		31.750	45.5	73.8	36	16.2	58.7	5.1 / 3 x	yes	125
040.220		40.000	63	94.6	48.5	21.2	70.2	7.0 / 3 x	yes	225
<b>Ball caster / ball transfer units with countersunk sheet steel casing (Flange fixed units), entirely of stainless steel</b>										
015.230	Stainless steel	15.875	22.2	41.3	18.5	10.2	30	3.5 / 2 x	yes / no	12
019.230		19.050	29	61	22	10	44.5	5.1 / 3 x	yes	25
019.231		19.050	29	49	23	10	35	5.1 / 2 x	yes	25
025.230		25.400	38.1	73	30	14.2	55.6	5.1 / 3 x	yes	55
032.230		31.750	45.5	73.8	36	16.2	58.7	5.1 / 3 x	yes	125
040.230		40.000	63	94.6	48.5	21.2	70.2	7.0 / 3 x	yes	225

## Ball caster with countersunk sheet steel casing



### Design and construction

This Schulz ball caster / ball transfer units consists of a casing and a top cover as stamped parts, a bearing ball and several support balls. In common parlance, these ball casters are also called "UFO" or "Saturn" ball casters, according to their construction type.

### Dimensions

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

### Materials

<b>Casing:</b>	galvanised steel, Stainless steel
<b>Deckel:</b>	galvanised steel, Stainless steel
<b>Support balls:</b>	Tool steel (tempered), Stainless steel (tempered)
<b>Bearing ball:</b>	Tool steel (tempered), Stainless steel (tempered), Plastic

### Operational conditions

Temperature range from -30°C to +100°C (up +30°C with plastic bearing ball)  
Conveyance velocity of up to 1,0 m/s.  
Dynamic load rating up to max. 225 kg.