

# Steel spherical bearing **DIN ISO 12240-1** ISO

## CSS Self-lubricating, steel/steel contact

- **Self-aligning spherical bearing** DIN ISO 12240-1 K series
- Working temperature: -30°C to +120°C (150°C occasionally)
- Does not tolerate movement
- Materials:
  - Sphere: steel (100C6), treated, ground and polished.
  - External rig: special self lubricating steel, cold formed on the sphere (acc DIN series K)

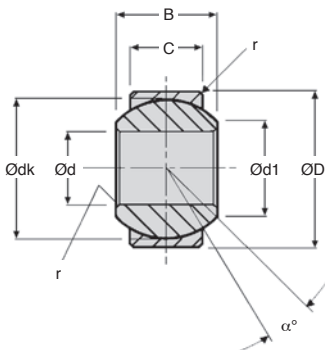


### Advantages

- No maintenance required
- Accepts heavy loads
- Resistant to wear

### Assembly

- Normal load  
Bore M7  
Shaft m6
- Heavy load  
Bore N7  
Shaft m6



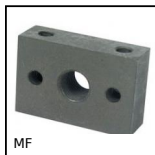
### DISCOUNTS

Qty	1+	6+	20+	40+	60+	100+
Disc.	List	-10%	-15%	-20%	-30%	On request

Part number	Ød (H7)	B	C	ØD (h6)	Ød1	Ødk	r	Static load Co (daN)	α° Angle of incidence maxi.	Stock*	Price each 1 to 5
CSS-06	6	9	6,75	16	8,9	12,700	0,3	1700	13°	✓	9,79 €
CSS-08	8	12	9,00	19	10,4	15,875	0,3	2800	14°	✓	10,33 €
CSS-10	10	14	10,50	22	12,9	19,050	0,3	4000	13°	✓	10,85 €
CSS-12	12	16	12,00	26	15,4	22,225	0,3	5300	13°	✓	11,88 €
CSS-16	16	21	15,00	32	19,3	28,575	0,3	8500	15°	✓	17,32 €
CSS-20	20	25	18,00	40	24,3	34,925	0,3	12500	14°	✓	27,79 €
CSS-30	30	37	25,00	55	34,8	50,800	0,6	25400	17°	✓	66,29 €

\*Depending on availability - Dimensions in mm

## Our other products



MF

Shock Absorber  
-universal flange,  
Universal fixing



MDB\_MTB

Moulded plastic bevel  
gear (nylon), 3:1



CHAEss

Decorative hinge,  
Stainless steel



ADL\_M

Male eye bolt  
conforms to DIN580,  
Steel



MRA\_SS

Stainless steel Quick  
link, Stainless steel



NKIB

Combined bearing  
with inner ring, Axial  
load in both directions



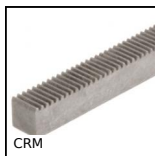
RIMple

Locking castor, with  
mounting plate



SVR20

Screwjack with  
travelling nut, with  
moving nut



CRM

Moulded nylon rack,  
Nylon



SH0

Parallel axis helical  
gear, Steel 20NCD2



ZBconique

Machined plastic  
bevel gear, 1:1



GAL\_20

Conveyor roller for  
Ø20mm spindle, Self-  
lubricating polyamide

## Complementary products



CSSSS

Stainless steel  
spherical bearing,  
Stainless steel / PTFE