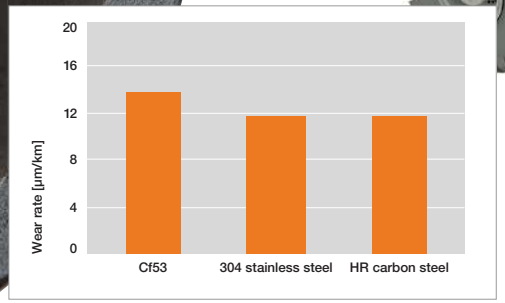
... thick-walled ...

for medium-sized loads ...

Particularly suitable for medium loads and highly wear-resistant in pivoting movements. Easy replacement of bearings of the same dimensions, compatible according to DIN2795.

mm

Metric dimension range



Wear iglidur® M210 at 23°C, 20MPa and 0.1m/s, pivoting

Tech up

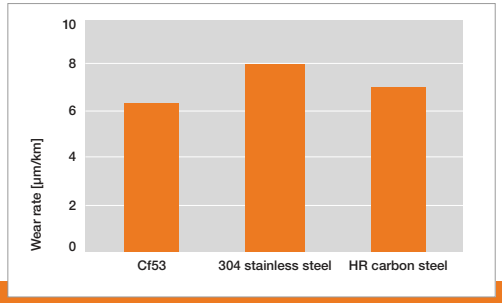
- Good wear results in pivoting applications in combination with medium loads (10MPa)
- Low moisture absorption

Cost down

- Maintenance-free
- Low coefficient of friction and wear
- Cost-effective due to injection moulding
- Lower maintenance costs

Proof

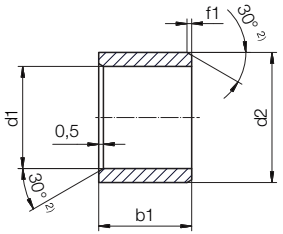
- Wear iglidur® M210 at 23°C, 10MPa and 0.1m/s, pivoting.



Sustainability

- No lubricating greases or oils
- Good coefficient of wear and therefore a long service life
- igus® has been an investor in Mura Technology from the very beginning, and is advancing chemical recycling. From plastic waste to crude oil in 20 minutes: igus.sk/hydroprs

Part No.	d1	d1 tolerance*	d2	b1 h13
☐SM-2024-25	20	+0.040 +0.124	24	25
☐SM-2028-20	20	+0.040 +0.124	28	20
☐SM-3036-30	30	+0.040 +0.124	36	30
☐SM-4050-40	40	+0.050 +0.150	50	40
☐SM-6070-60	60	+0.060 +0.180	70	60



General properties	
Density	1.40g/cm³
Colour	black
Max. moisture absorption at +23°C and 50% r.h.	0.3% weight
Max. moisture absorption	0.5% weight
Mechanical properties	
Flexural modulus	2,200MPa
Flexural strength	65MPa
Max. recommended surface pressure	50MPa
Shore D hardness	75

Thermal properties 1), 2)	
Max. continuous operating temperature	+100°C
Max. short-term operating temperature	+160°C
Min. application temperature	–40°C
Electrical properties	
Specific transitional resistance	>10¹¹ Ωcm
Surface resistance	>10¹¹ Ω

1) Relaxation not excluded
2) No additional load; no sliding movement

Available from stock

Ask for a free sample

igus.sk/iglidur-M210