



SNG M – maintenance free sliding bearings on steel backing

1. Structure

PTFE with glass fiber and graphite, reinforced with tin bronze, stainless steel or aluminum on steel backing.

2. Characteristics

- maintenance free, self lubricating bearing material with low coefficient of friction,
- low stick-slip effect,
- high pv values in dry conditions,
- carries edge loads,
- compensates misalignments,
- reduces noise and vibrations,
- no water absorption,
- high wear resistance,
- thermally stable dimensions,
- on stainless steel – high chemical resistance.

3. Applications

- hinges, tensioners, levers, shock absorbers, guiding elements, joints, expansions grooves, valves, pumps, mechanisms etc.

4. Availability

- to order: plates, cylindrical bushes, flanged bushes, deep-drawn bearings

Thickness [mm]	Fabric: CuSn 6, steel backing	Stainless steel fabric and backing
0,75	•	
1,0	•	
1,5	•	
1,57		•

5. Technical parameters

Parameter			Unit	Value
Maximum load			MPa	180
Work temperature	maximum	+180	°C	+260
Coefficient of friction	dry		-	0,065 – 0,19

6. Assembly tips

Assemble with stepped shaft in housings with insertion chamfer.

Bushes should be assembled with constant force, without twisting of the bush.