



## SNG PRO – maintenance free sliding bearings on steel backing

### 1. Structure

PTFE compound encapsulated in bronze structure sliding layer on steel backing.

### 2. Characteristics

- maintenance free, self lubricating bearing material with low coefficient of friction,
- designed for very heavy loads,
- 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.

### 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]	steel plate
0,5	•
0,75	•
1,0	•

### 5. Technical parameters

Parameter			Unit	Value
Maximum load			MPa	400
Work temperature	maximum	constant	°C	+260
Coefficient of friction	dry		-	0,11 – 0,2

### 6. Assembly tips

Assemble with stepped shaft in housings with insertion chamfer.  
 Bushes should be assembled with constant force, without twisting of the bush.