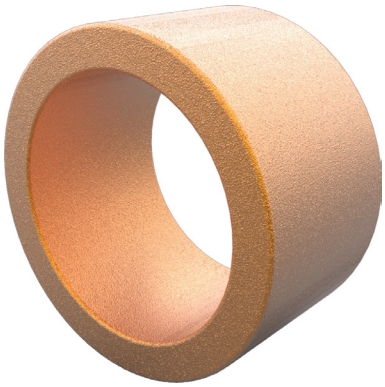
NWB®

High Performance Bearing Technology

CUSN10 / SINTERED IRON

Properties

Suitable for high sliding speeds at low load capacity, maintenance-free.



Materials

Support material	CuSn10 (equivalent to SINT A50) / sintered iron

Material Properties **(The data refer to sintered bronze material)**

Specific load capacity static	≤ 10 N/mm²
Specific load capacity dynamic . . .	≤ 5 N/mm²
Sliding speed	≤ 6 m/s
Friction value	0.05 to 0.20 µ
Temperature strain	-100 to +200 °C (Suitable material for higher temperatures are avaliable.)
Max. Pv - value	1.6 [N/mm² x m/s]

Mounting advise

Shaft material

Steel >200HB dressed to size, surface roughness ≤ Rz 4

Tolerance details

Housing – Ø	H7
Bushing after mounting	H7/H8
Shaft tolerance	f7

Maintenance

Self-lubricating and maintenance-free sliding bearing.

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