

Wieland-G22

CuSn7Pb15-C-GC

Slide Bearings

Wieland

Wieland-G22:

Soft alloy. Excellent emergency running properties. Largely insensitive to edge load.

Applications: Pumps, compressors, printing presses. Water lubrication possible.

Composition (standard values)

Pb	15 %
Sn	8 %
Ni	2 %
Cu	balance

Material designation

Wieland	G22
EN	1982 : 1998

Physical Properties

(standard values)

Density	[g/cm ³]	9.1
Coefficient of thermal expansion (20-300 °C)	[10 ⁻⁶ /K]	18.8
Thermal conductivity	[W/m · K]	59
Modulus of elasticity (20 °C)	[GPa]	82

Max. load

Oscillating bearing up to 40 MPa

Types available

Machined bushings

Tube sizes for machined bushings

Continuously cast
OD up to 200 mm above please enquire

Mechanical properties (standard values)

Temper

Hardness	[HB]	75
Tensile strength R _m	[MPa]	260
0.2 %-proof stress R _{p0.2}	[MPa]	160
Elongation A	[%]	15

1 MPa = 1 N/mm²

Wieland

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