



Aluminium Blocks

1. Structure

GGB plain bearings (DU, DP4, DP31, DX, HX) preinstalled in Aluminium housings.

2. Characteristics

- bearing housing with very good friction and wear performance,
- Customer design special size and shapes.

3. Applications

- external gear pumps and motors.

4. Availability

- to order: Customer design special size and shapes.

5. Technical data

Parameter		Unit	Value		
			Sical 6	Sical 3	Sical 3D
Housing material	Sn	%	5-7	3-4	3-3,5
	Cu		1,2-1,8	3-4	4,2-4,6
	Si		-	<0,6	<0,6
	Fe		-	<0,7	<0,7
	other		<1,5	<1,6	<1,6
	Al		balance	balance	balance
Tensile strength		MPa	90	265	300
Ultimate tensile strength		MPa	160	335	350
Elongation		%	24	10	8
Hardness		HB	45-70	85-110	100-135