

Bushing Blocks	Characteristics	Applications
	<ul style="list-style-type: none"> Bearing housing with very good friction and wear performance Pre-installed GGB plain bearings 	Industrial and Automotive External hydraulic gear pumps and motors

Material Composition	Assembled Bearings		Availability
	Material	Sliding layer	
Housing material: Aluminium alloy Assembled bearings: see following list	DU	PTFE + Pb	Ex stock <ul style="list-style-type: none"> N/A
	DP4	PTFE + Fillers	
	DP31	PTFE + Fluoropolymer + Fillers	To order <ul style="list-style-type: none"> According to customer design
	DX	POM	
	HX	PEEK + PTFE + Fillers	

Available alloys	Mechanical Properties	Unit	Value
Sical 6™ <ul style="list-style-type: none"> Suitable for use with oil lubrication Low friction coefficient <p> Sn 5 - 7 % Others < 1.5 % Cu 1.2 - 1.8 % Al Rest </p>	Tensile strength Ultimate tensile strength Elongation Brinell hardness	MPa MPa % HB	90 160 24 45 - 70
Sical 3™ <ul style="list-style-type: none"> Suitable for use with oil lubrication High load capacity <p> Sn 3 - 4 % Fe < 0,7 % Cu 3 - 4 % Others < 1.6 % Si < 0.6 % Al Rest </p>	Tensile strength Ultimate tensile strength Elongation Brinell hardness	MPa MPa % HB	265 335 10 85 - 110
Sical 3D™ <ul style="list-style-type: none"> Suitable for use with oil lubrication High load capacity Good fatigue and wear properties High mechanical strength <p> Sn 3 - 3,5 % Fe < 0.7 % Cu 4.2 - 4.6 % Others < 1.6 % Si < 0.6 % Al Rest </p>	Tensile strength Ultimate tensile strength Elongation Brinell hardness	MPa MPa % HB	300 350 8 100 - 135