

Main CSB Products in Hydraulic Engineering and Hydro Power Industry

Material	Type	Structure	Composition		Type of lubrication	Maxi Compressive Yield Strength	Maxi specific load	Form	Comments
			Backing	Lining		MPa	MPa		
CSB-50		Plain multi-layers	Steel + porous bronze	PTFE + MoS ₂	Dry	250	250	Wrapped bearing	Low coefficient of friction
CSB-11		Plain multi-layers	CuSn8 + porous bronze	PTFE + MoS ₂	Dry	250	250	Wrapped bearing	Low coefficient of friction
CSB-TEX	CSB-TEX3	Plain multi-layers	Stainless steel	PTFE fibres fabric overlay	Dry	350	350	Wrapped bearing	Good resistance under high load
	CSB-TEXB	Plain multi-layers	CuSn8	PTFE fibres fabric overlay	Dry	350	350	Wrapped bearing	Good resistance under high load
CSB-850	BM3	Plain multi-layers	Aisi 316	CuSn12 sinter + PTFE	Dry	300	150	Wrapped bearing	Good resistance under high load and shocks
	BM4	Plain multi-layers	CuSn8	CuSn12 sinter + PTFE	Dry	300	150	Wrapped bearing	Good resistance under high load and pollution
CSB-CRG		Plain multi-layers	Epoxy resin + GF	PTFE and PBT fibers + solid lubricant	Dry	400	240	Massive bearing	Good resistance under high and shock loads and pollution
CSB-650	SL1 S2	Bronze with solid lubricant plugs	CuAl10Ni5Fe5 + graphite plugs / add.		Dry	> 600	50	Massive bearing	Extreme load, corrosion resistant
	SL1 S3	Bronze with solid lubricant plugs	CuSn12 + graphite plugs / add		Dry	> 260	70	Massive bearing	Sea water and wear resistant