

Main CSB Products in Valves and Pumps

Material	Type	Structure	Composition		Type of lubrication	Maxi compressive load MPa	Maxi specific load MPa	Form
			Support	revêtement				
CSB-50		Plain multi-layers	Steel + porous bronze	PTFE + MoS ₂	Dry	350	250	Wrapped bearing
CSB-11		Plain multi-layers	CuSn8 + porous bronze	PTFE + MoS ₂	Dry	300	250	Wrapped bearing
CSB-10 HP		Plain multi-layers	Steel + porous bronze	PTFE + MoS ₂ + additives	Dry or lubricated	280	250	Wrapped bearing
CSB-TEX	CSB-TEX3	Plain multi-layers	Stainless steel	PTFE fibres fabric overlay	Dry	400	350	Wrapped bearing
	CSB-TEXB	Plain multi-layers	CuSn8	PTFE fibres fabric overlay	Dry	350	350	Wrapped bearing
CSB-850	BM3	Plain multi-layers	Aisi 316	CuSn12 sinter + PTFE + graphite	Dry	300	150	Wrapped bearing
	BM4	Plain multi-layers	Bronze	CuSn12 sinter + PTFE + graphite	Dry	300	150	Wrapped bearing
CSB-CRG		Plain multi-layers	Epoxy resin + GF	PTFE and PBT fibers + solid lubricant	Dry	400	240	Massive bearing
CSB-EP	4	Plain mono-layer	Thermoplastic + additives		Dry	>100	>70	Massive bearing
CSB-650	SL1 S2	Bronze with graphite plugs	CuAl10Ni5Fe5 + graphite plugs / add.		Dry	> 600	50	Massive bearing
	SL1 S3	bronze with graphite plugs	CuSn12 + graphite plug / add.		Dry	> 260	70	Massive bearing

QTE 014GB-A

Comments

Low coefficient of friction

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Gear pumps and motors

Good resistant under high load and pollution

Good resistant under high load and pollution

High load and pollution resistant

Wear and pollution resistant

Good resistance under high and shock loads and pollution

Good corrosion resistant for medium load

Extrem load and corrosion resistant

Sea corrosion and wear resistant

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