

Bearing assemblies LAG
Product range

TEMCO

Bearing Assemblies LAG

Types, sizes, surfaces

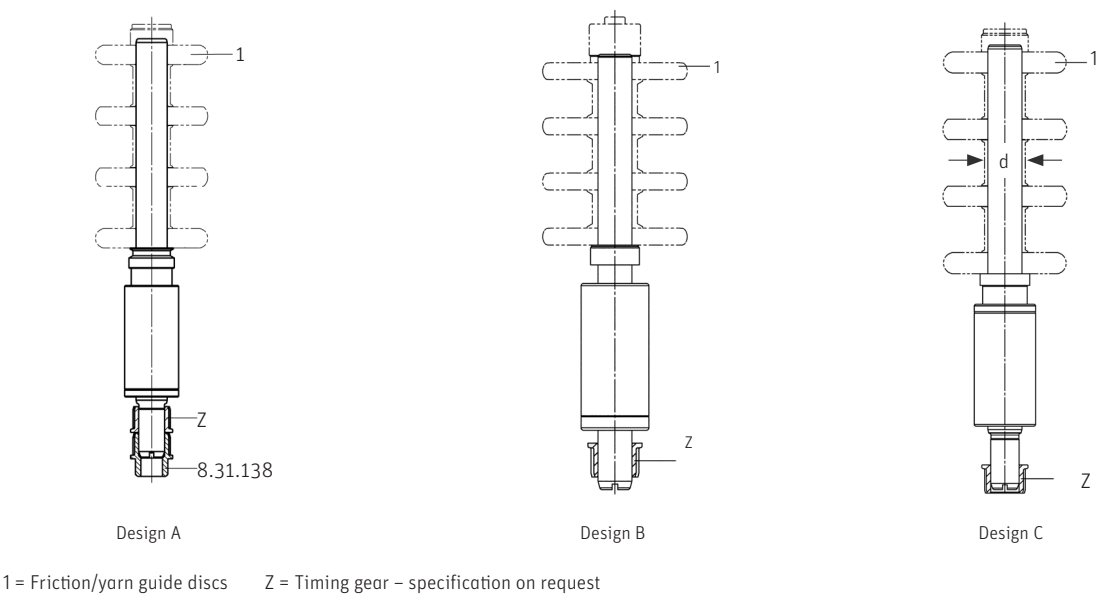


Bearing assemblies
for best results

Bearing Assemblies LAG

Figures and Overview

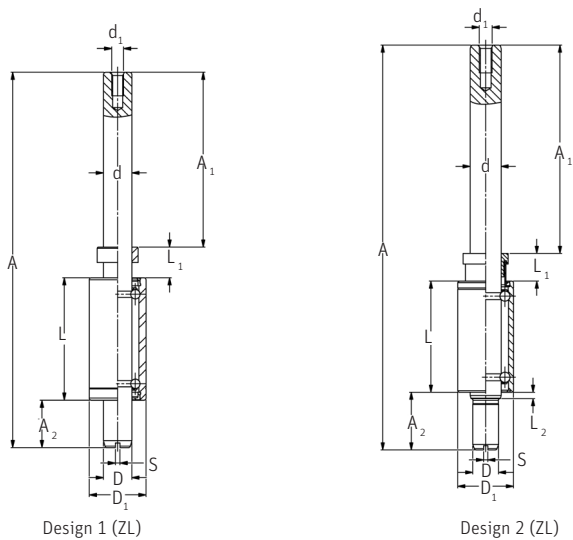
Bearing assembly designs – Motor drive



Overview LAG

Bearing Assemblies		Bearing Base		Timing gear	Timing belt	Application field
Key No.	Design	Type	d	Tooth number (Z)	Key No.	Friction unit
For Temco Friction units						
LAG12.474	B	ZL2552-08	14.45	28	8.805.065	FTS522M, FTS523M FTS524M, FTS525M
LAG12.475	C			28	8.805.065	
LAG12.476	A			28	8.805.065	FTS522M, FTS523M
Friction units from other manufacturers						
LAG12.472	B	ZL2849	12	20	8.803.057	BARMAG Type 8
LAG12.492	A	ZL2849-09	12	20	8.803.057	BARMAG Type 8
LAG12.524	B	ZL2552-18	12	28	8.805.065	FTS53M BARMAG
LAG12.525	C	ZL2552-19	12	28	8.805.065	FTS53M BARMAG
LAG12.526	A	ZL2552-20	12	28	8.805.065	FTS53M BARMAG
LAG12.543	A				8.805.065	FTS53M BARMAG

Journal bearing designs – **Motor drive**



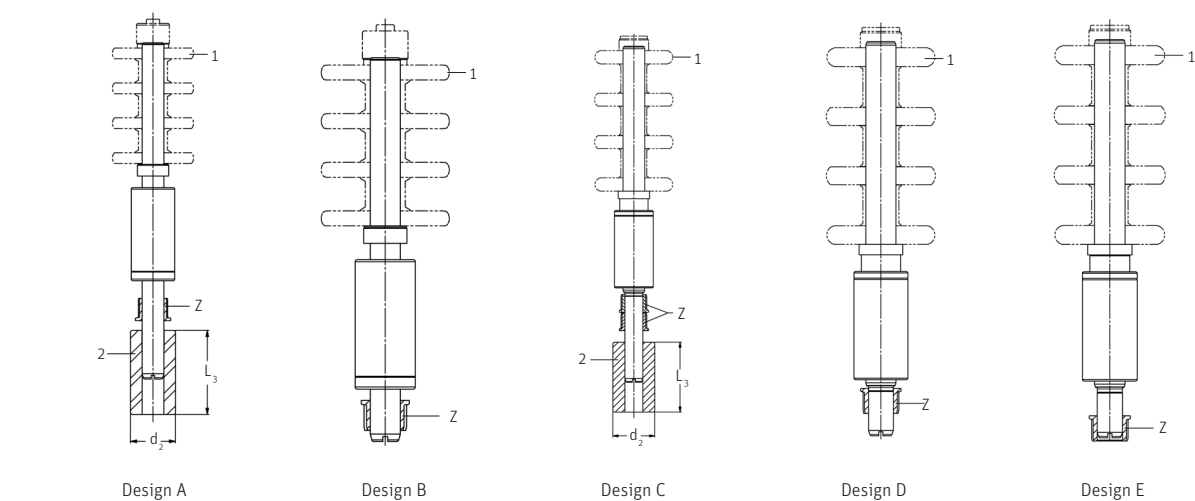
Overview ZL

Dimensions [mm]												
Type	Design	d	d ₁	D	D ₁	A	A ₁	A ₂	L	L ₁	L ₂	S
ZL2552-08	2	12	M6	12	25	195	97.5	28	52	17.5	3	2
ZL2849	1	12	M5	-	27.98	168.5	90.5	16	49.3	12.7	-	2
ZL2849-09	1	12	M5	12	27.98	188.5	90.5	36	49.3	12.7	-	2
ZL2552-18	2	12	M6	12	25	182.7	97.5	15.7	52	17.5	-	2
ZL2552-19	2	12	M6	12	25	195	97.5	28	52	17.5	-	2
ZL2552-20	2	12	M6	12	25	222.5	97.5	55.5	52	17.5	-	2

Bearing Assemblies LAG

Figures and Overview

Bearing assembly designs – Tangential belt drive

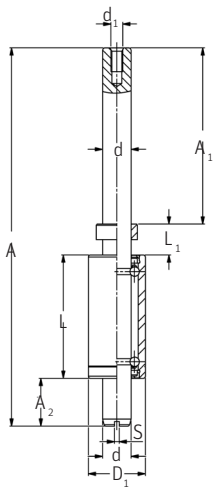


1 = Friction/yarn guide discs 2 = Driving whorl – specification on request

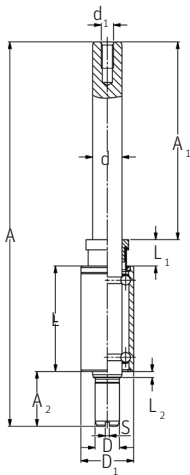
Overview LAG

Bearing Assemblies			Bearing Base		Timing gear		Driving whorl		Timing belt		Application field	
Type	Design	Type	d [mm]	Tooth number (Z)	d ₂ [mm]	L ₃ [mm]	Key No.	Profile/ Pitch	Width	Friction unit		
For Temco Friction units												
LAG12.127	B	ZL2452	12	26	-	-	8.80.076/1	-	-	FTS4712, FTS4715		
LAG12.128	A	ZL2452-01	12	26	25	47	8.80.076/1	A	9.53	FTS4712		
LAG12.270	A		12	26	28	47	8.80.083/1	A	9.53	FTS4715		
LAG12.332	B	ZL2452	12	20	-	-	8.801.055	-	8	FTS4461 (6mm FS)		
LAG12.333	A	ZL2452-01	12	20	38	52	8.801.055	D	8	FTS4461 (6mm FS)		
LAG12.481	B	ZL2452-38	12	20	-	-	8.801.055	D	8	FTS4461 (9mm FS)		
LAG12.482	A	ZL2452-37	12	20	38	52	8.801.055	D	8	FTS4461 (9mm FS)		
LAG12.400	D	ZL2652-17	12	28	-	-	8.805.065	F	8	FTS52RF, FTS52RK		
LAG12.401	E	ZL2652-18	14.45	28	-	-	8.805.065	F	8	FTS52RF, FTS52RK		
LAG12.399	C		14.45	28	28	47	8.805.065	F	8	FTS52RF		
Friction units from other manufacturers												
LAG12.472	B	ZL2849	12	20	-	-	8.803.057	H	6	BARMAG Type 8		
LAG12.473	A	ZL2849-01	12	20	28	44.8	8.803.057	H	6	BARMAG Type 8		
LAG12.524	D	ZL2552-18	12	28	28	44.8	8.805.065	F	8	FTS53R BARMAG		
LAG12.525	E	ZL2552-19	12	28	28	-	8.805.065	F	8	FTS53R BARMAG		
LAG12.528	C	ZL2552-21	12	28	28	47	8.805.065	F	8	FTS53R BARMAG		

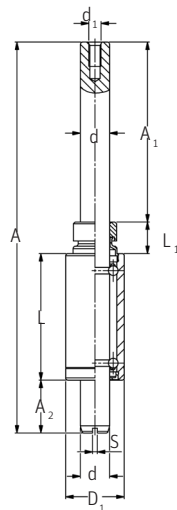
Journal bearing designs – Tangential belt drive



Design 1 (ZL)



Design 2 (ZL)



Design 3 (ZL)

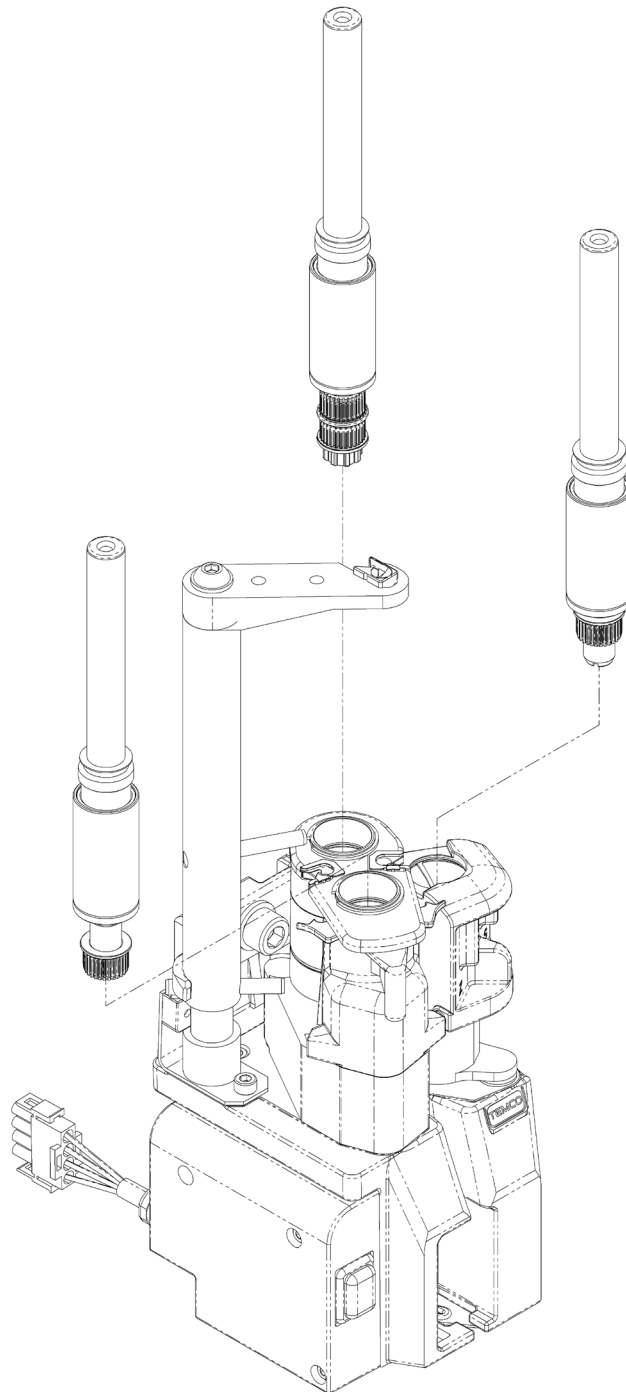
Overview ZL

Dimensions [mm]												
Type	Design	d	d ₁	D	D ₁	A	A ₁	A ₂	L	L ₁	L ₂	S
ZL2452	1	12	M6	-	24	154	68	21	52	13	-	2
ZL2452-01	1	12		-	24	188	68	55	52	13	-	2
ZL2452	1	12	M6	-	24	154	68	21	52	13	-	2
ZL2452-01	1	12	M6	-	24	188	68	55	52	13	-	2
ZL2452-38	1	12	M6	-	24	173	87	21	52	13	-	2
ZL2452-37	1	12	M6	-	24	207	87	55	52	13	-	2
ZL2652-17	2	14.45	M6	12	26	189	97.5	24	52	13	3	2
ZL2652-18	2	14.45	M6	12	26	226	97.5	60.5	52	59	3	2
ZL2849	1	12	M5	-	27.98	168	90.5	16	49.3	12.7	-	2
ZL2849-01	1	12	M5	-	27.98	204	90.5	51.5	49.3	12.7	-	2
ZL2552-18	3	12	M6	-	25	182.7	97.5	15.7	52	-	-	2
ZL2552-19	3	12	M6	-	25	195	97.5	28	52	17.5	-	2
ZL2552-21	3	12	M6	-	25	232	97.5	65	52	17.5	-	2

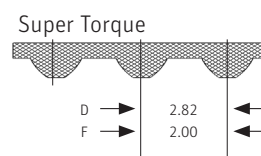
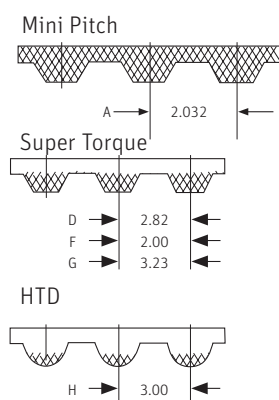
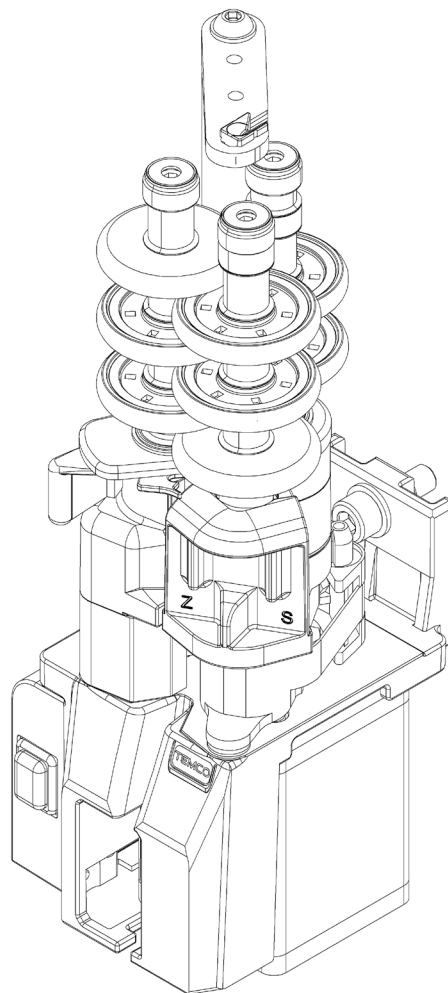
Bearing Assemblies LAG

Figures and overview

Mounting conditions of the LAG bearing assemblies in the FTS texturing unit



Complete Temco FTS texturing unit with LAG bearing assemblies and PU texturing discs





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