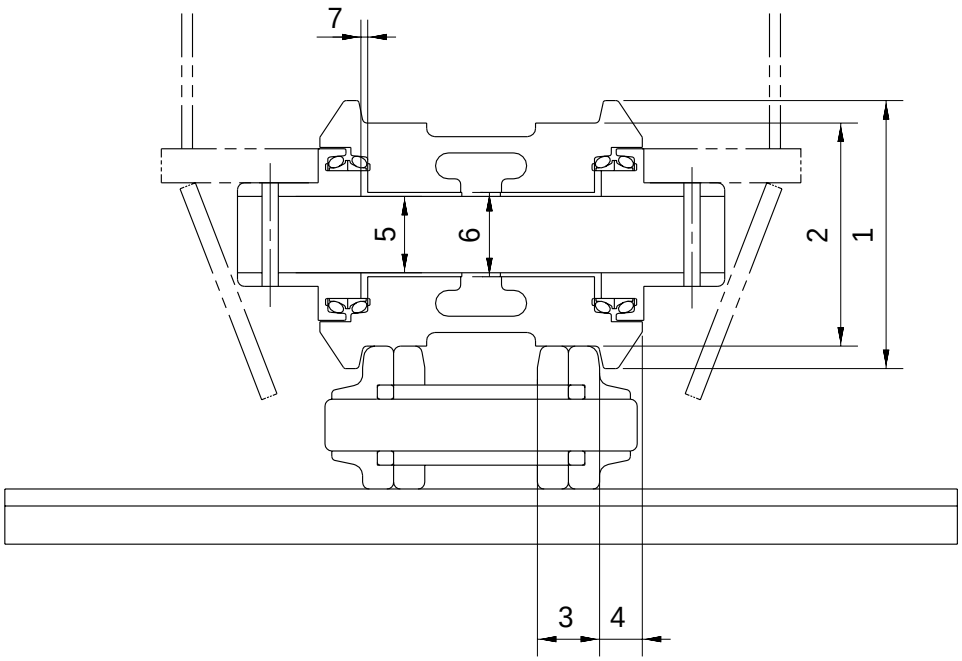
1. TRACK

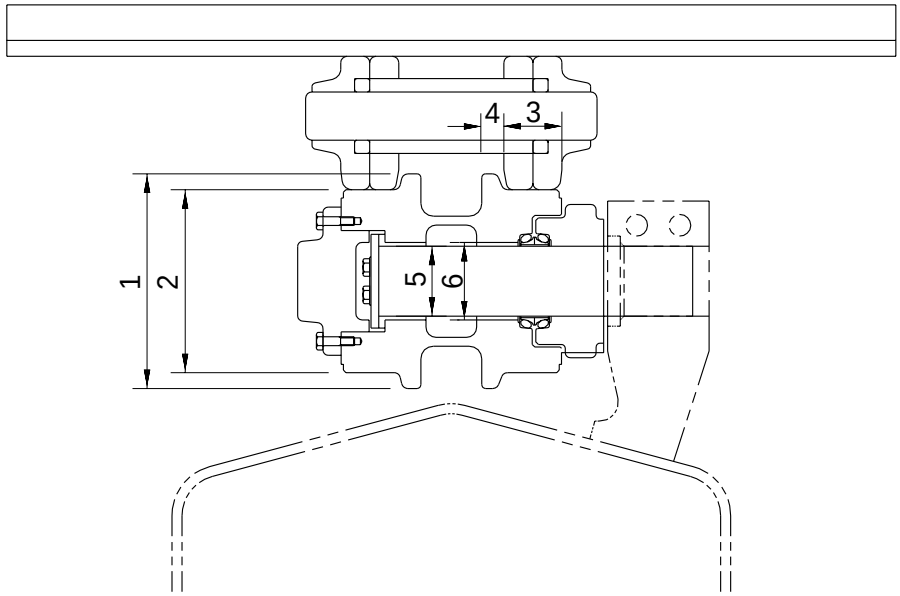
1) TRACK ROLLER



Unit : mm

No.	Check item	Criteria					Remedy
1	Outside diameter of flange	Standard size			Repair limit		Rebuild or replace
		ø 216			-		
2	Outside diameter of tread	ø 180			ø 168		
3	Width of tread	49			55		
4	Width of flange	27			-		
5	Clearance between shaft and bushing	Standard size	Tolerance		Standard clearance	Clearance limit	Replace bushing
			Shaft	Hole			
		ø 65	-0.215 -0.315	+0.127 +0.075	0.140 to 0.442	1.5	
6	Interference between roller and bushing	Standard size	Tolerance		Standard Interference	Interference limit	
			Shaft	Hole			
		ø 72	+0.108 +0.008	+0.006 -0.036	0.014 to 0.144	-	
7	Side clearance of roller	Standard clearance			Clearance limit		Replace
		0.2 to 0.6			1.5		

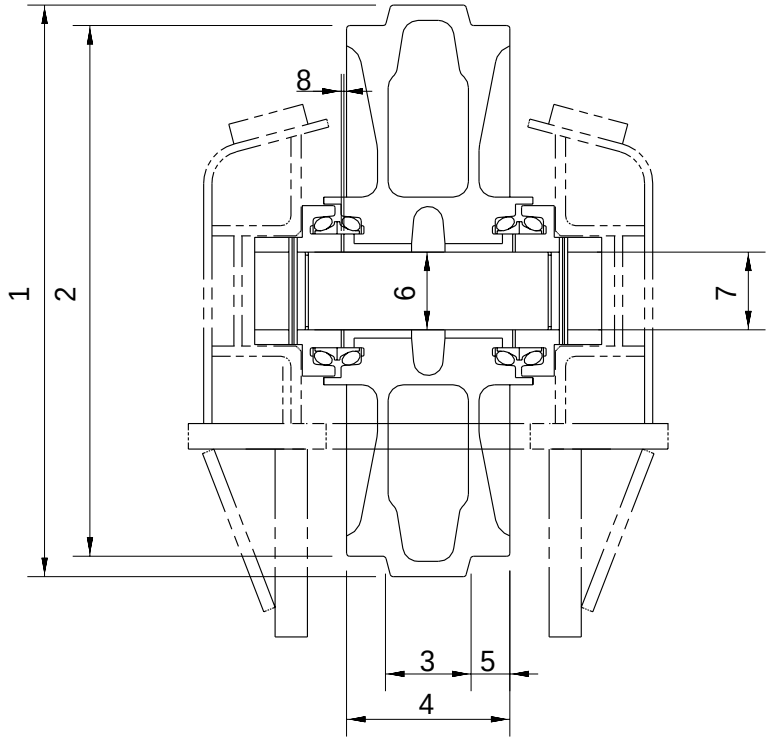
2) CARRIER ROLLER



Unit :㎜

No.	Check item	Criteria				Remedy
1	Outside diameter of flange	Standard size		Repair limit		Rebuild or replace
		ø 200		-		
2	Outside diameter of tread	ø 168		ø 158		
3	Width of tread	54		62		
4	Width of flange	18.25		-		
5	Clearance between shaft and support	Standard size &Tolerance		Standard clearance	Clearance limit	Replace bushing
		Shaft	Hole			
		ø 55 +0.085 +0.066	ø 55 +0.370 +0.330	+0.396 to +0.455	1.5	
6	Interference between shaft and seal guard	ø 65 +0.125 +0.090	ø 65 +0.03 0	0.06 to 0.155	-	Replace

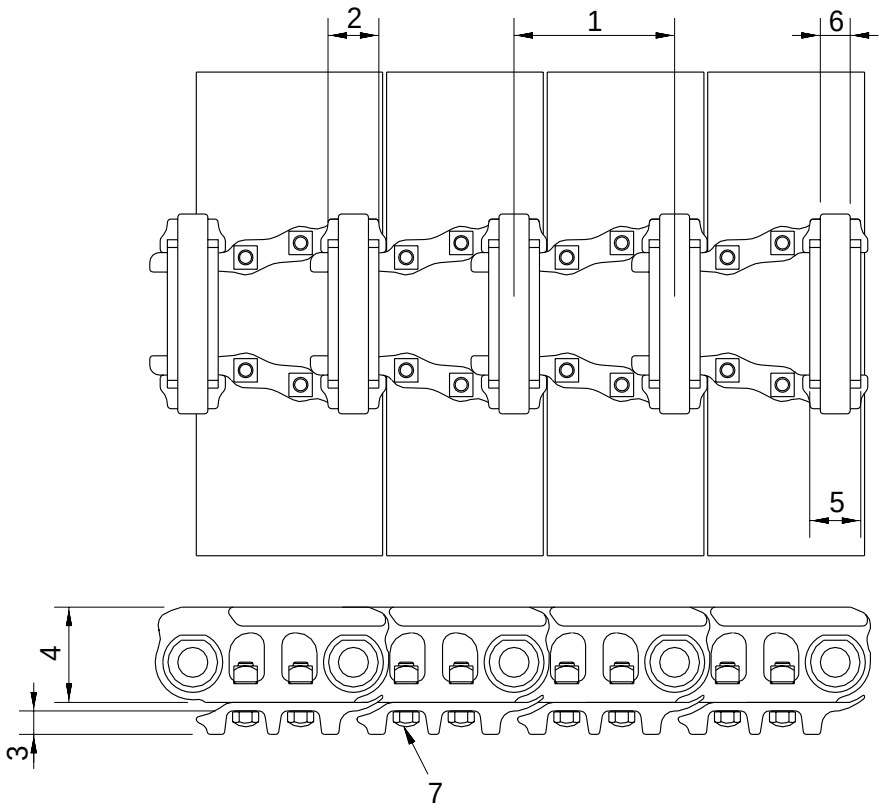
3) IDLER



Unit : mm

No.	Check item	Criteria				Remedy
1	Outside diameter of protrusion	Standard size		Repair limit		Rebuild or replace
		ø 646		–		
2	Outside diameter of tread	ø 594		ø 575		
3	Width of protrusion	104		-		
4	Total width	203		-		
5	Width of tread	50.5		55.5		
6	Clearance between shaft and bushing	Standard size &Tolerance		Standard clearance	Clearance limit	Replace bushing
		Shaft	Hole			
		ø 85 0 / -0.035	ø 85 +0.35 / 0.40	0.35 to 0.435	1.5	
7	Clearance between shaft and support	ø 85 0 / -0.035	ø 85 +0.090 / +0.036	0.036 to 0.125	0.15	Replace
8	Side clearance of idler (both side)	Standard clearance		Clearance limit		Replace
		0.4 to 1.0		2.0		

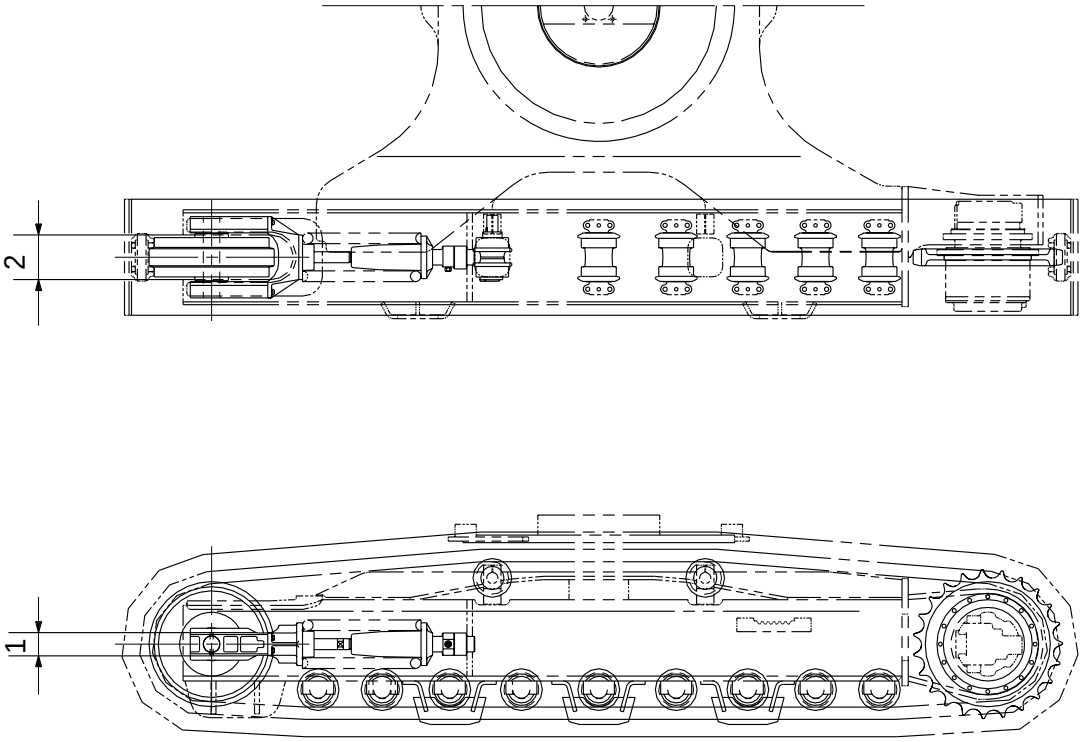
4) TRACK



Unit : mm

No.	Check item	Criteria				Remedy
1	Link pitch	Standard size		Repair limit		Turn or replace
		203.2		207.2		
2	Outside diameter of bushing	66.9		61.65		
3	Height of grouser	26		19		Rebuild or replace
4	Height of link	116.4		108.4		
5	Interference between bushing and link	Standard size &Tolerance		Standard interference	Interference limit	Replace
		Shaft	Hole			
		Ø66.65 +0.05 -0	Ø66.27 +0.07 -0	0.020 to 0.120	0.015	
6	Interference between regular pin and link	Ø44.45 +0.1 0	Ø44.13 +0.03 0	0.070 to 0.130	0.05	
7	Tightening angle method (Tightening angle method)	Initial tightening torque : 86+5 kg · m Additional tightening angle : 120±10°				Replace

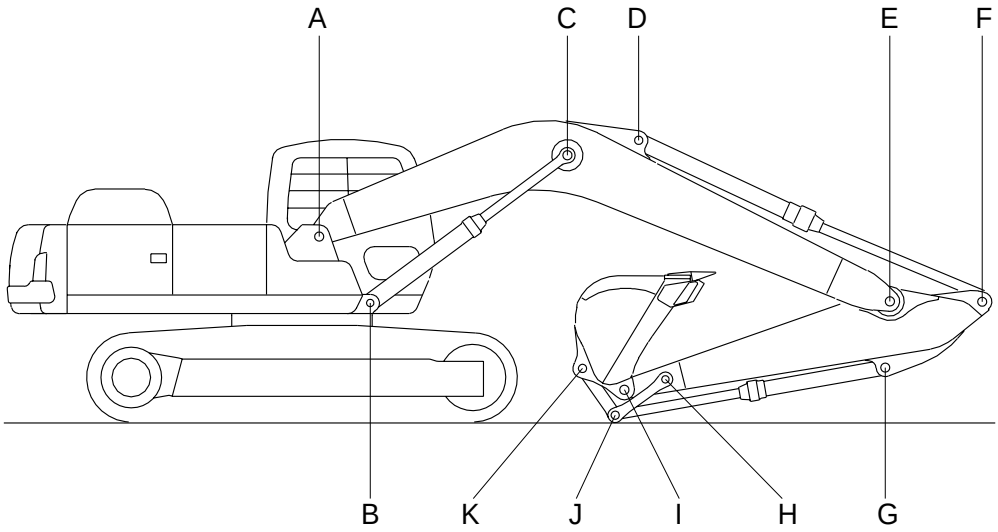
5) TRACK FRAME AND RECOIL SPRING



Unit : mm

No.	Check item	Criteria					Remedy
1	Vertical width of idler guide		Standard size	Tolerance	Repair limit		Rebuild or replace
		Track frame	123	+2 -1	127		
		Idler support	120	0 -1.5	116		
2	Horizontal width of idler guide	Track frame	292	+3 -1	297		
		Idler support	290	-	288		
3	Recoil spring	Standard size			Repair limit		Replace
		Free length	Installation length	Installation load	Free length	Installation load	
		Ø 251×732	615	18230kg	–	14580kg	

2. WORK EQUIPMENT



Unit : mm

Mark	Measuring point (Pin and Bushing)	Normal value	Criteria		Criteria		Remedy & Remark
			Recomm. service limit	Limit of use	Recomm. service limit	Limit of use	
A	Boom Rear	100	99	98.5	100.5	101	Replace
B	Boom Cylinder Head	90	89	88.5	90.5	91	〃
C	Boom Cylinder Rod	100	99	98.5	100.5	101	〃
D	Arm Cylinder Head	90	89	88.5	90.5	91	〃
E	Boom Front	100	99	98.5	100.5	101	〃
F	Arm Cylinder Rod	90	89	88.5	90.5	91	〃
G	Bucket Cylinder Head	90	89	88.5	90.5	91	〃
H	Arm Link	80	79	78.5	80.5	81	〃
I	Bucket and Arm Link	80	79	78.5	80.5	81	〃
J	Bucket Cylinder Rod	80	79	78.5	80.5	81	〃
K	Bucket Link	80	79	78.5	80.5	81	〃