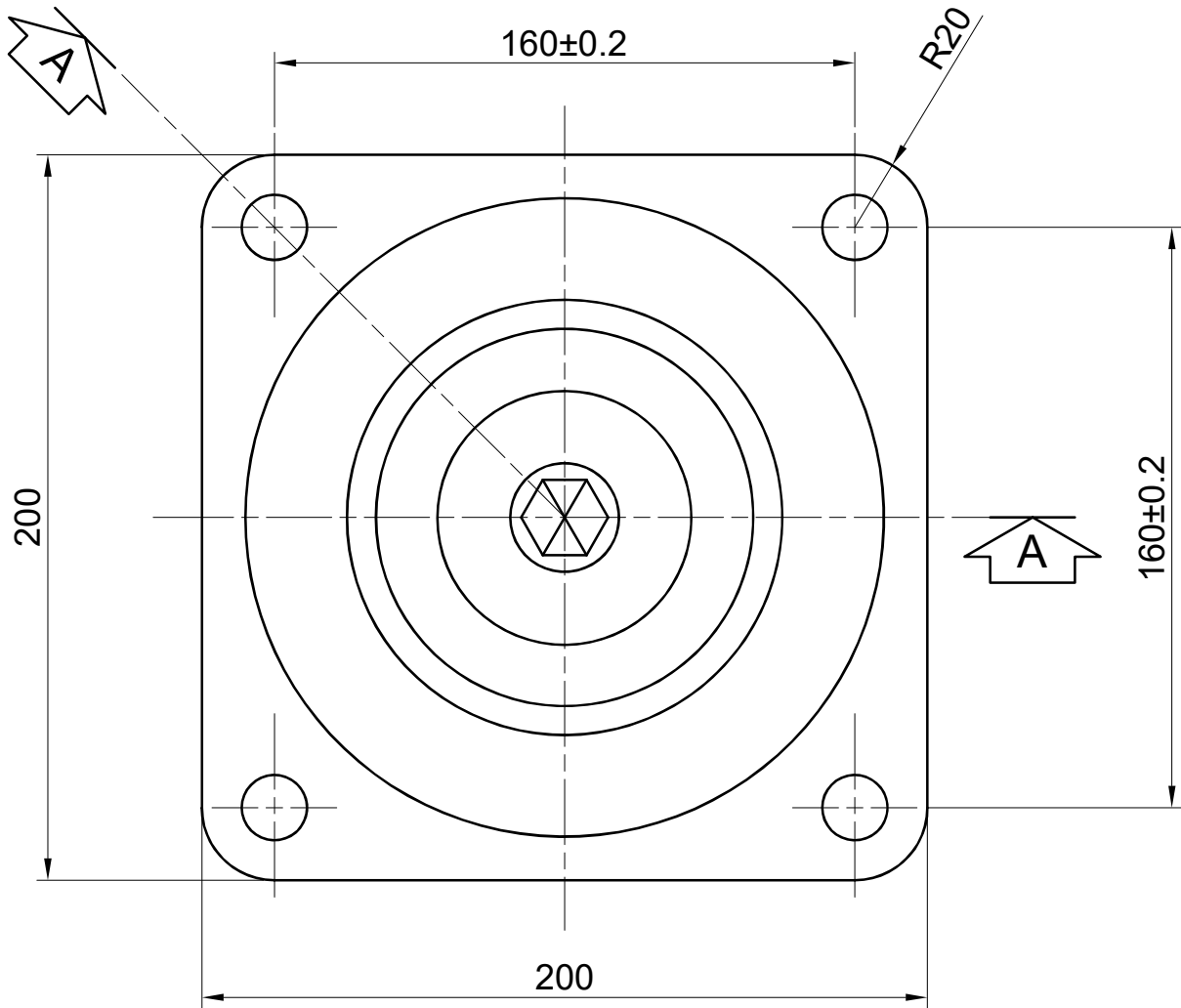
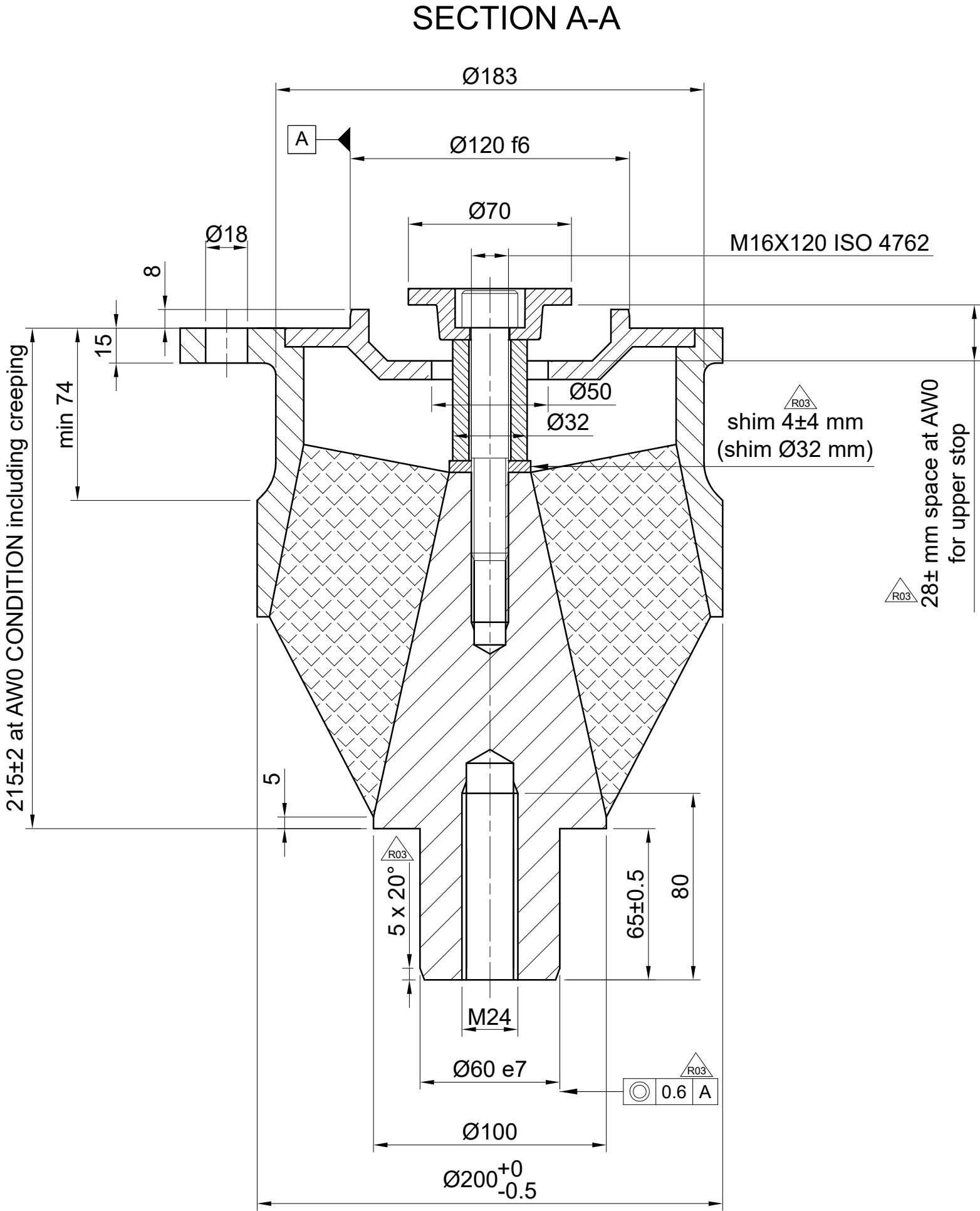




BOGIE DISPLACEMENT

Max upward (prim. susp.).....	+28 mm
Max downward (prim. susp.).....	-25 mm
Max transversal (prim.susp.).....	±5 mm
Max longitudinal (axle/bogie frame).....	±5 mm

Load condition and stiffness are reported in the
TŞ-04.078_Primary_Suspension_Tech_Spec



Shimstable Ø32:		
Hmax (at AW0 = 25,1) [mm]	Hmin [mm]	Shims thickness [mm] 2mm and 4mm shims (max. 2 shims)
222	218	8
218	216	6
216	214	4
214	212	2
212	210	0

Technical Specifications					
Technical Document		R03	Updated drawing	24/04/2026	T.ŞABA
Fixture/Mould Asset ID.		R02	Updated upper stop lenght (was 25)	19/01/2022	D.PISANO
Coating/Heat Tre./Roughness		R01	Updated drawing title	02/11/2021	D.PISANO
Paint/Color		Modf. No	Modification Description	Date	Sign

Item No	Designation Name of Item	Qty.	Standard Code Identification No	Material	Dimension	Weight (Kg)
	ISO 1302	ISO 8015	ISO 2553	General Tol.	ISO 2768	f ☐ m ☐ H ☐ K ☐
	EN 15085-2 Certification Level	CL1 ☐ CL2 ☐	Weld Pro.	ISO 13920	A ☐ B ☐ E ☐ F ☐	
		CL3 ☐ CL4 ☐	Cast Steel	ISO 12708	Lm2 ☐ Lr2 ☐ Sm2 ☐ Sr2 ☐	
	Approved	M. GORLANI		Scale	TURASAS Turkish Railway Vehicles Industry Inc.	
	Checked	M. BORLO		1:2		
	Prepared	H.BELHAJ				
TYP				CONICAL RUBBER SPRING		GZ90.04.10.00004
	Date: 17/06/2021	Parts List No:		Sheet: 1/1	Size: A2	Rev: 03