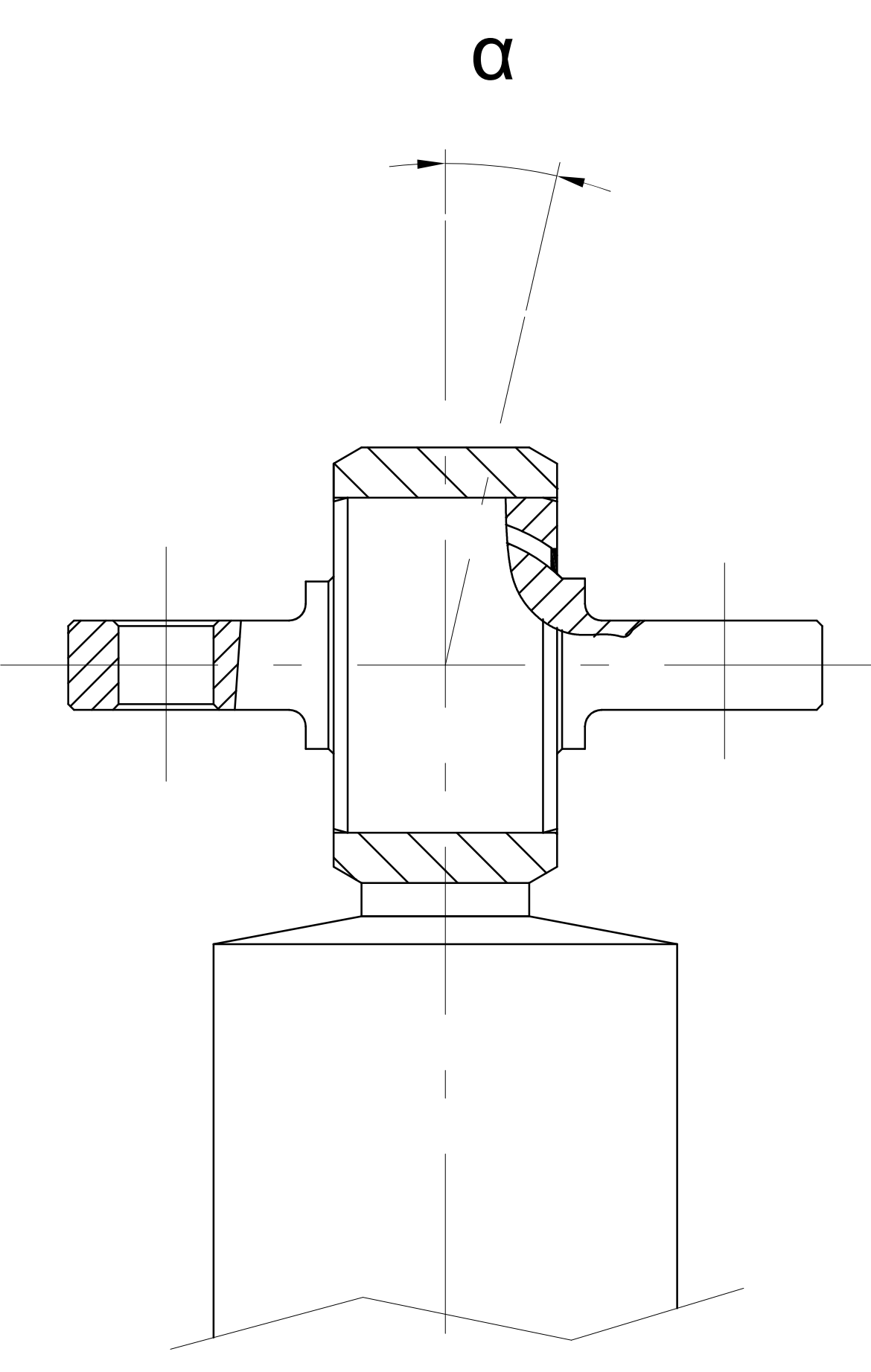
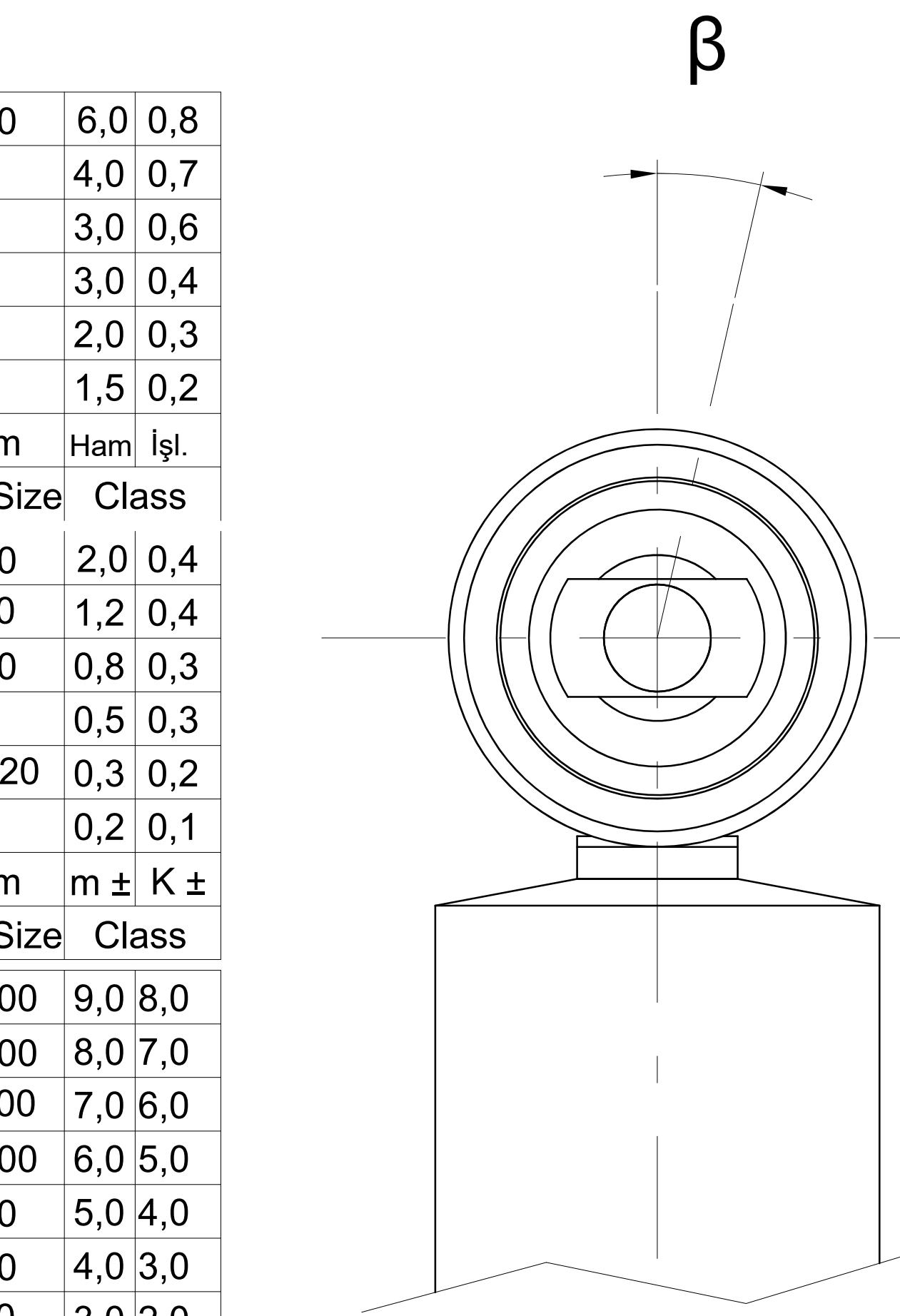
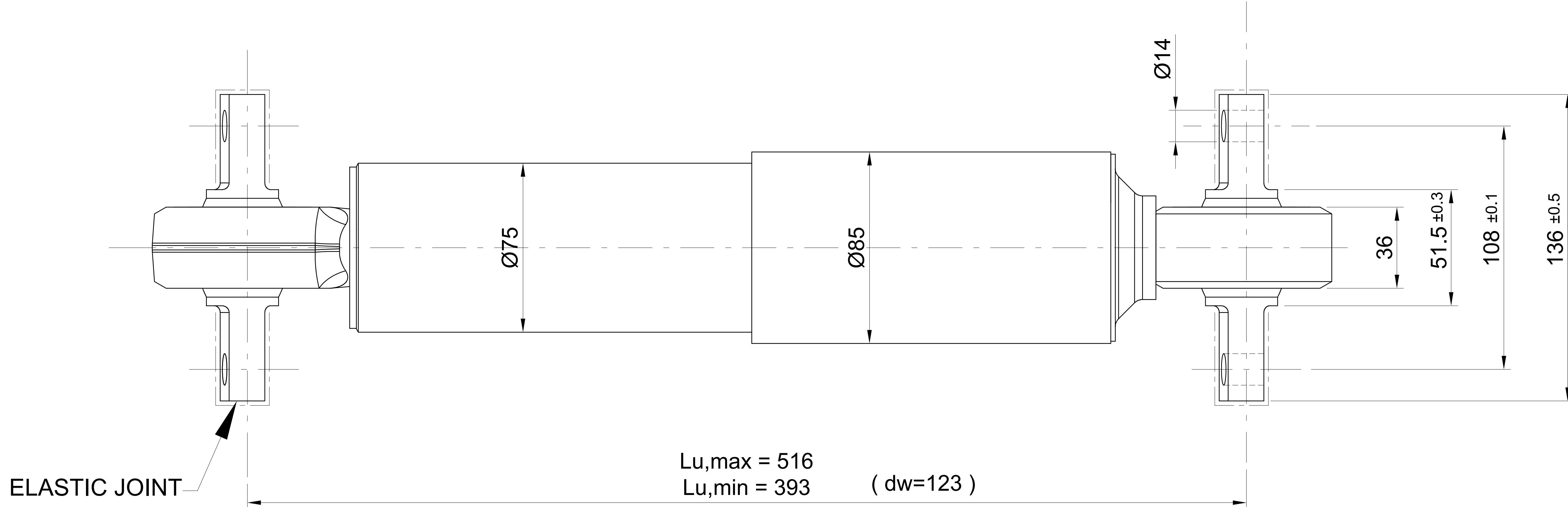
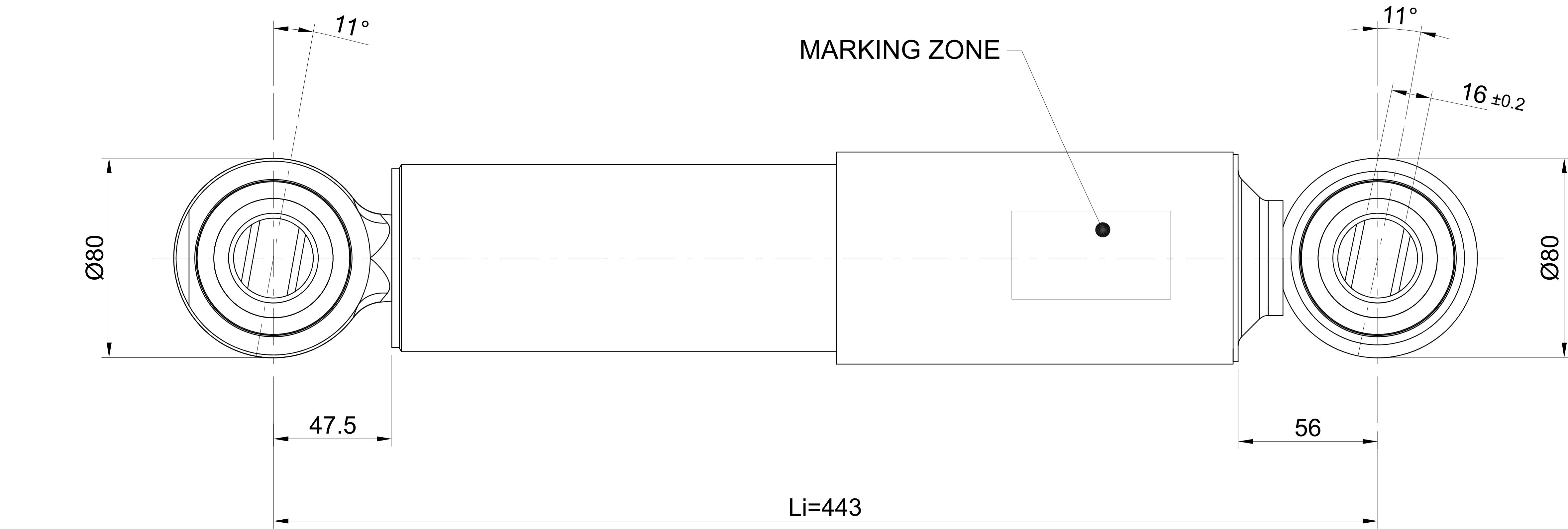


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ISO 13920 Welded Construction ISO 2768 General Tolerances ISO 12708 Steel Casting

<1000	6,0	0,8
<630	4,0	0,7
<400	3,0	0,6
<250	3,0	0,4
100	2,0	0,3
40	1,5	0,2
L mm	Ham	İşl.
Nom. Size	Class	
<4000	2,0	0,4
<2000	1,2	0,4
<1000	0,8	0,3
<400	0,5	0,3
30-120	0,3	0,2
2-30	0,2	0,1
L mm	m ±	K ±
Nom. Size	Class	
>20000	9,0	8,0
<20000	8,0	7,0
<16000	7,0	6,0
<12000	6,0	5,0
<8000	5,0	4,0
<4000	4,0	3,0
<2000	3,0	2,0
<1000	2,0	1,5
<400	1,0	1,0
30-120	1,0	0,5
2-30	1,0	0,5
L mm	A ±	E ±
Nom. Size	Class	



Angle	MAX.	Normal Service
α	7.5°	4°
β	6°	2°

Li	Length to mounting
Lu Max/Min	lengths in work
dw	Max stroke

Technical Specifications					
Technical Document		03	UPDATING NOMINAL LEGHT	18/02/2026	T.ŞABA
Fixture/Mould Asset ID.		02	UPDATING GEOMETRY	29/11/2021	H. Belhaj
Coating/Heat Tre./Roughness		01	UPDATING DRAWING	01/09/2021	S.Ponzo
Paint/Color		Modf. No	Modification Description	Date	

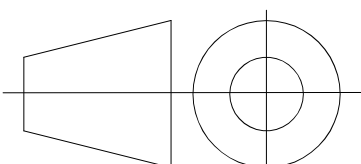
All metal part identified shall be galvanized with treatment Fe / Zn 12c 2D according to EN ISO 2081:2009 or equivalent.

- Design according to Technical Specification TS-04.081

PRELIMINARY

R3	* = Test stroke		*		*		*	
	Stroke	mm		25		25		
	r.p.m.	min ⁻¹		76.4		229.2		
	Velocity	m/s		0.100		0.300		
	Rebound	N		4000 ±600		6600 ±990		
	Compression	N		3500 ±530		6700 ±1000		
Damping forces test at : 20°±2°C								

	Upper fixation	Lower fixation
R3 Radial stiffness	12.5 kN/mm	12.5 kN/mm

Item No	Designation Name of Item	Qty.	Standard Code Identification No	Material	Dimension	Weight (Kg)
TYP	ISO 1302	ISO 8015	ISO 2553	General Tol.	ISO 2768	f <input type="checkbox"/> m <input type="checkbox"/> H <input type="checkbox"/> K <input type="checkbox"/>
	EN 15085-2 Certification Level		CL1 <input type="checkbox"/> CL2 <input type="checkbox"/> CL3 <input type="checkbox"/> CL4 <input type="checkbox"/>	Weld Pro.	ISO 13920	A <input type="checkbox"/> B <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/>
	Approved	M. GORLANI		Scale	<div>TURASAS</div> <div>Turkish Railway Vehicles Industry Inc.</div>	
	Checked	M. BORLO		1:2		
	Prepared	H. BELHAJ				
			SEC.SUSP. LAT. DAMPER			
	Date: 12/09/2021	Parts List No:			Sheet: 1/1	Size:A0