Deviation from form of cam

Drawing No. ......:		Client/Mach.No. ..:	
Operator ....:		Name ....:	
Date ....:	10.04.2025, 15 16	Program ....:	CAMSHAFT
Order/Series No. .:		Cam ....:	da-05-lift-distance-48_6672.txt

Fitting: transv. (X, Y, Z)   [um]: -2.1, -0.5, 0.0   Base radius: **48.097** mm
         rotatory   [°/rad]: **-0.001/0.0000**   – Nominal size: 48.167 mm
Lift reference = actual base-circle !   Eccentricity: 0.0 um(0.0)/0°

Measuring height: 230.000 mm

200: 1 | 50 um

	Maximum of cam				Deviations [um]					
Name	Angle [°]		Lift [mm]		Range of Lift			Base Circle		
	Actual	Nominal	Actual	Nominal	Min	Max	Diff.	Min	Max	Form
	-0.001	0.000	49 244	49.242	-6.0	6.1	12.1	1.9	1.9	0.0

Contact area %: Min | 22 | 15 | 25 | 21 | 8 | 10 | Max

Deviation from form of cam

Drawing No. ......:		Client/Mach.No. ..:	
Operator ....:		Name ....:	
Date ....:	10.04.2025, 15:19	Program ....:	CAMSHAFT
Order/Series No. .:		Cam ....:	xiao-05-lift-distance-48_6672.txt

Fitting: transv. (X, Y, Z) [um]: -0.8, -0.4, 0.0   Base radius: **48.102** mm
        rotatory [°/rad]: **-0.001/0.0000**   - Nominal size: 48.167 mm
Lift reference = actual base-circle !   Eccentricity: **3.5** um(0.0)/-124°
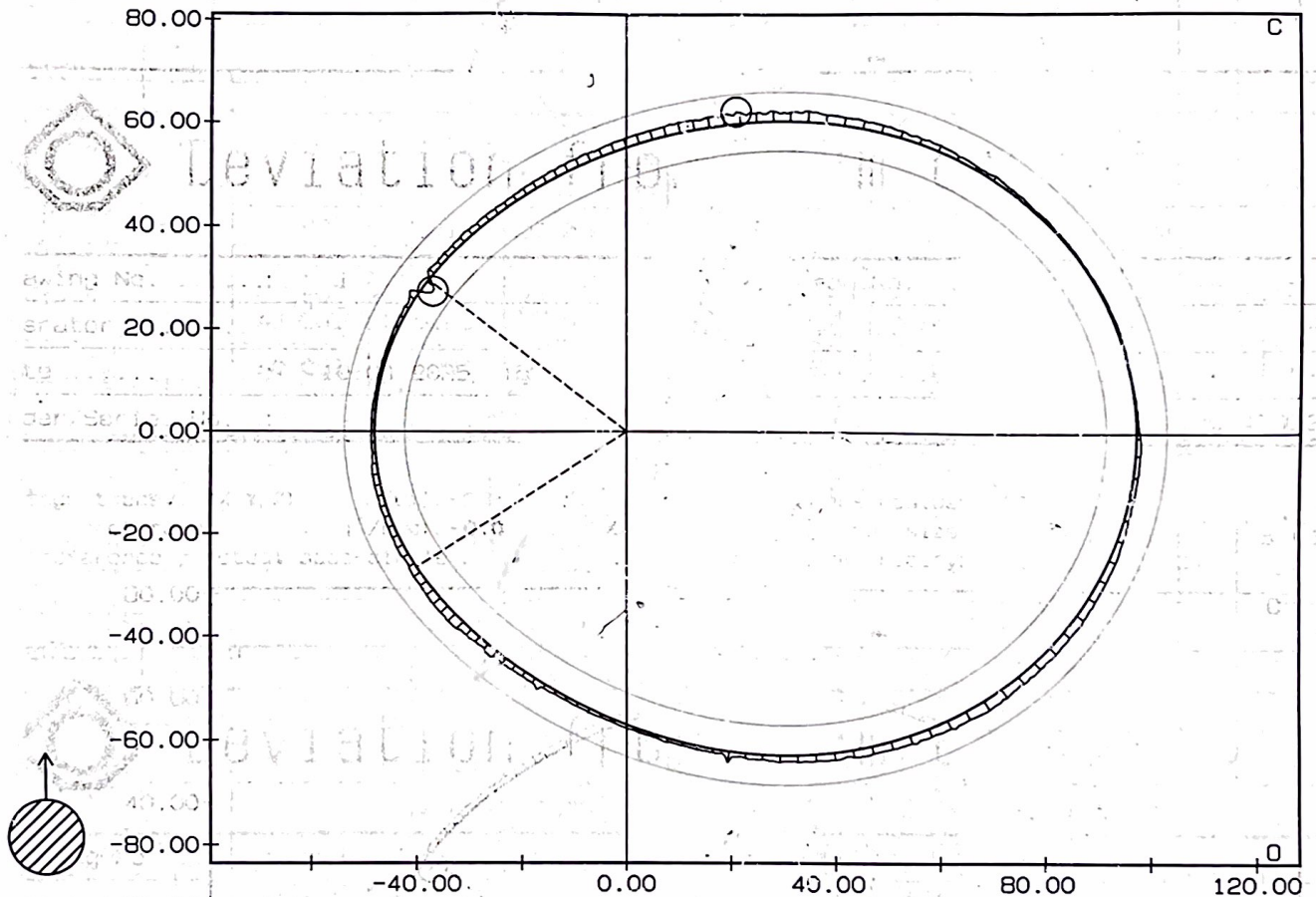
Measuring height: 280.000 mm

200:1   I 50 um

	Min					Max
Contact area %	1	0	2	33	44	20

Name	Maximum of cam				Deviations [um]					
	Angle [°]		Lift [mm]		Range of Lift			Base Circle		
	Actual	Nominal	Actual	Nominal	Min	Max	Diff.	Min	Max	Form
	-0.001	0.000	49.243	49.241	-2.5	9.0	11.5	-6.9	5.7	12.6