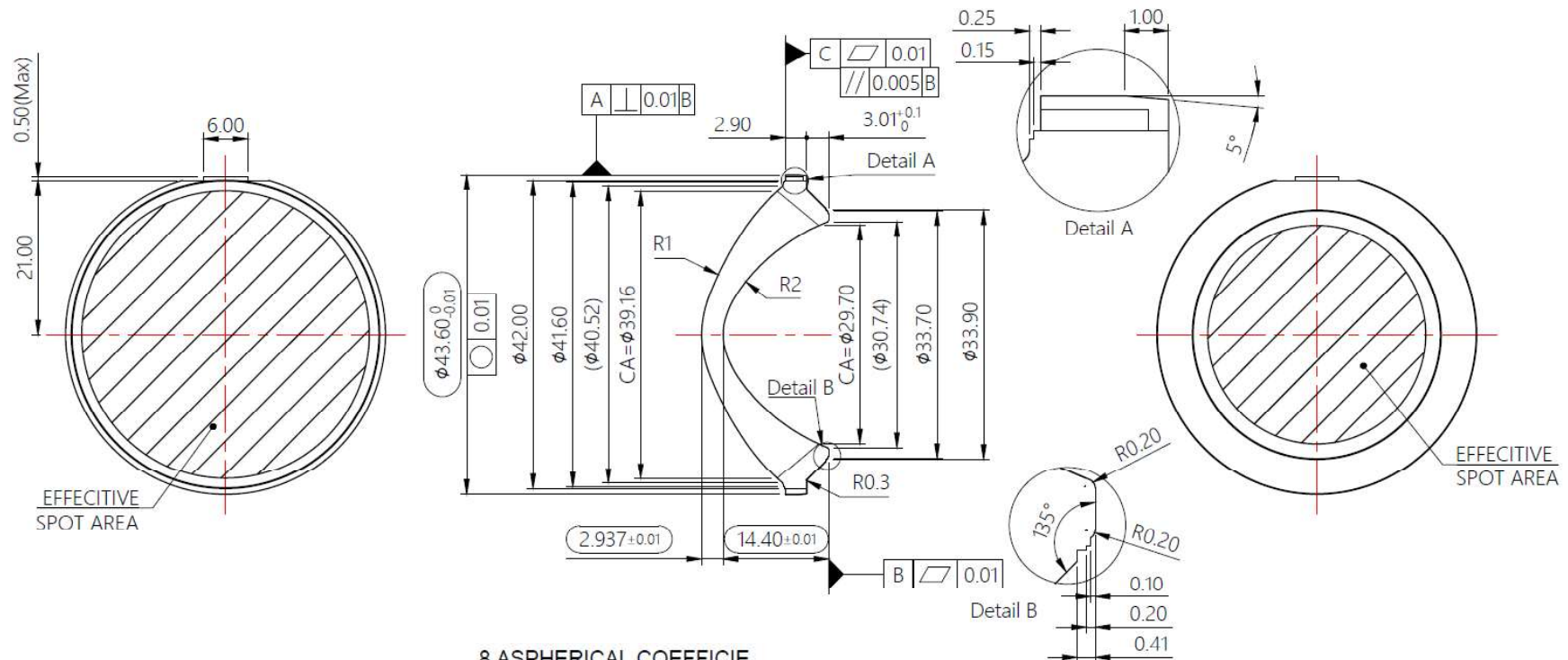




NOTES:

1. MATERIAL:480R

Nd : 1.525120 ± 0.0005

Vd : 56.281538 ± 0.8%

2. INTERPRET OPTICAL TOLERANCES PER ISO 10110

3. Coat P1R1 & P1R2 surface as follows :

Rabs < 0.8% AT 460nm±10nm

Rabs < 0.5% AT 535nm±25nm

Rabs < 0.5% AT 625nm±50nm

Rabs < 1.0% AT 750nm±30nm

4. Coatings shall meet adhesion using CT-18 tape

5. SURFACE QUALITY:60-40,SCRATCH AND DIG PER MIL-PRF-13830B

6. Coating area no film shortage

7. The main inspection dimension

8.ASPHERICAL COEFFICIE

$$z = \frac{cy}{1 + \sqrt{1 - (1 + K)c^2y^2}} + Ay^4 + By^6 + Cy^8 + Dy^{10} + Ey^{12} + Fy^{14} + Gy^{16}$$

ASPH	P1R1	P1R2
Radius	12.53552049	7.809998848
Conic	-1.72227142	-1.35811868
4TH	-6.94050112E-05	-3.71918163E-05
6TH	3.14148375E-07	5.18767145E-07
8TH	-4.85846539E-10	-2.86060699E-09
10th	-1.54686727E-13	2.30480870E-11
12th	1.42240405E-15	-1.00140293E-13
14th	-1.16944010E-18	1.70158493E-16

Sag	P1R1	Sag	P1R2
0	0.00000	0	0.00000
2.80	0.30583	2.12	0.28515
5.59	1.14593	4.24	1.11280
8.39	2.36490	6.36	2.41969
11.19	3.83854	8.49	4.16487
13.99	5.57134	10.61	6.35884
16.78	7.65972	12.73	9.17644
19.58	10.30570	14.85	13.03598

9.SURFACE ACCURACY

Item	R1	R2
Accuracy (P-V)	<10um	<15um
Best Fitting (P-V)	≤ $\frac{1}{3}$ R1 Accuracy	≤ $\frac{1}{3}$ R2 Accuracy
AS	≤2um	≤5um
Roughness (Ra)	<10nm	<10nm
Profile	∩ non-bendable	U non-bendable
Surface Decenter (UA3P)	<5um	
Surface Tilt(UA3P)	<60"	

Material:	Surface Finish:		TITLE: 43.6mm Dia., 2.937mm Thk. Plastic Lens		
See note	See Note				
Scale:	Unit:	Size:	Sheet:	Stock No.	Rev.
free	mm	A4	1/1	1H013	01

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