

Roller shaft deflection Report



Company Name: hhh
Equipment Name: hhh
Capacity: hhh
Date of Measurement: 11/13/25
Method: Single Point

Position	Measurement	Data Measured	Run Out
1	0.00	11.63	0.33
2	5.62	11.52	0.44
3	11.25	11.96	0.00
4	16.88	11.14	0.82
5	22.50	11.66	0.30
6	28.12	11.14	0.82
7	33.75	11.49	0.47
8	39.38	11.77	0.19
9	45.00	11.24	0.72
10	50.62	11.25	0.71
11	56.25	11.61	0.35
12	61.88	11.90	0.06
13	67.50	11.79	0.17
14	73.12	11.48	0.48
15	78.75	11.71	0.25
16	84.38	11.63	0.33
17	90.00	11.43	0.53
18	95.62	11.67	0.29
19	101.25	11.55	0.41
20	106.88	11.66	0.30
21	112.50	11.13	0.83
22	118.12	11.77	0.19
23	123.75	11.06	0.90
24	129.38	11.48	0.48
25	135.00	11.85	0.11
26	140.62	11.26	0.70
27	146.25	11.39	0.57
28	151.88	11.76	0.20
29	157.50	11.77	0.19
30	163.12	11.83	0.13
31	168.75	11.43	0.53
32	174.38	11.66	0.30
33	180.00	11.63	0.33
34	185.62	11.35	0.61
35	191.25	11.66	0.30
36	196.88	11.63	0.33
37	202.50	11.53	0.43
38	208.12	11.02	0.94
39	213.75	11.93	0.03
40	219.38	11.80	0.16
41	225.00	11.34	0.62
42	230.62	11.01	0.95
43	236.25	11.03	0.93

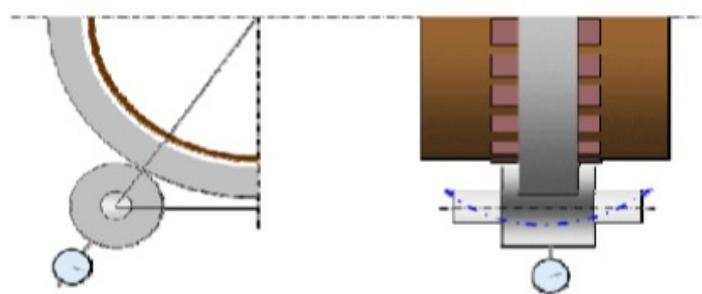
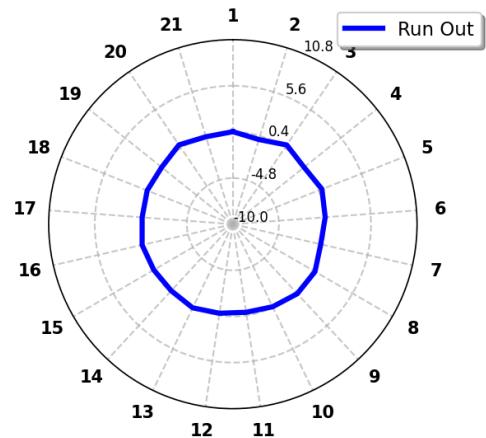
Result:

Runout = 0.95 mm

Angle of Occurrence = 275.82°

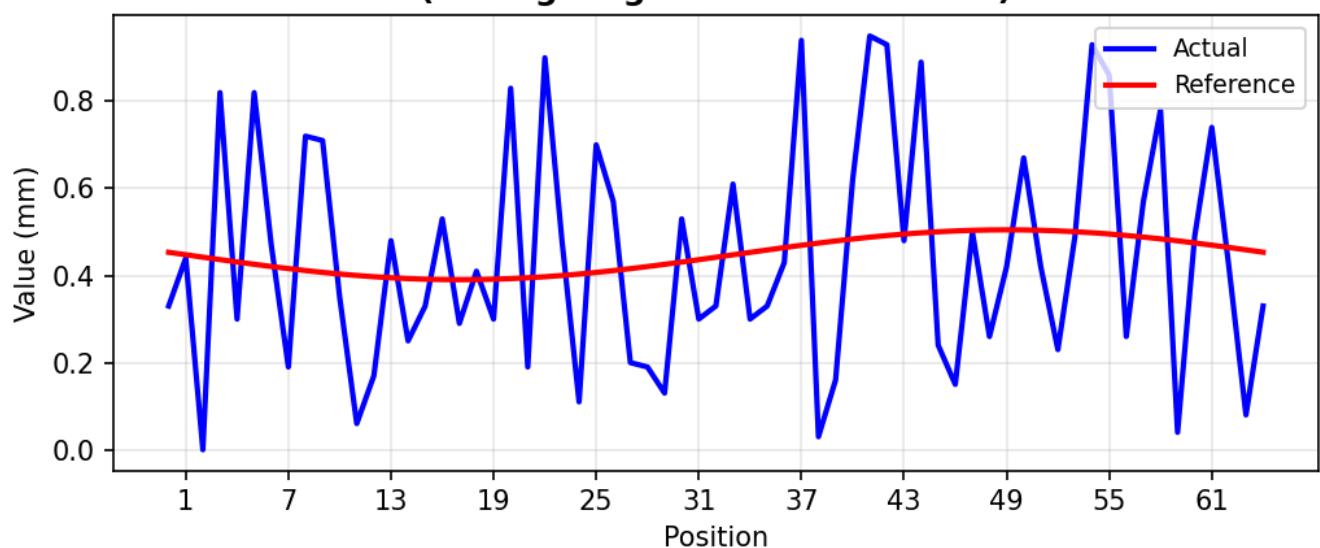
Eccentricity = 0.06 mm

Roller Raceway eccentricity & deformation Polar Graph



Position	Measurement	Data Measured	Run Out
44	241.88	11.48	0.48
45	247.50	11.07	0.89
46	253.12	11.72	0.24
47	258.75	11.81	0.15
48	264.38	11.46	0.50
49	270.00	11.70	0.26
50	275.62	11.54	0.42
51	281.25	11.29	0.67
52	286.88	11.54	0.42
53	292.50	11.73	0.23
54	298.12	11.47	0.49
55	303.75	11.03	0.93
56	309.38	11.10	0.86
57	315.00	11.70	0.26
58	320.62	11.39	0.57
59	326.25	11.18	0.78
60	331.88	11.92	0.04
61	337.50	11.47	0.49
62	343.12	11.22	0.74
63	348.75	11.54	0.42
64	354.38	11.88	0.08
1	360.00	11.63	0.33

**Roller shaft deflection linear Graph
(During single revolution of Kiln)**



Roller shaft deflection Report



Company Name: hhh
Equipment Name: hhh
Capacity: hhh
Date of Measurement: 11/13/25
Method: Single Point

Position	Measurement	Data Measured	Run Out
1	0.00	9.16	0.83
2	5.62	9.24	0.75
3	11.25	9.57	0.42
4	16.88	9.44	0.55
5	22.50	9.28	0.71
6	28.12	9.44	0.55
7	33.75	9.17	0.82
8	39.38	9.08	0.91
9	45.00	9.17	0.82
10	50.62	9.08	0.91
11	56.25	9.09	0.90
12	61.88	9.17	0.82
13	67.50	9.03	0.96
14	73.12	9.06	0.93
15	78.75	9.07	0.92
16	84.38	9.91	0.08
17	90.00	9.99	0.00
18	95.62	9.17	0.82
19	101.25	9.05	0.94
20	106.88	9.43	0.56
21	112.50	9.47	0.52
22	118.12	9.31	0.68
23	123.75	9.46	0.53
24	129.38	9.13	0.86
25	135.00	9.08	0.91
26	140.62	9.23	0.76
27	146.25	9.02	0.97
28	151.88	9.04	0.95
29	157.50	9.22	0.77
30	163.12	9.00	0.99
31	168.75	9.12	0.87
32	174.38	9.14	0.85
33	180.00	9.89	0.10
34	185.62	9.00	0.99
35	191.25	9.24	0.75
36	196.88	9.10	0.89
37	202.50	9.26	0.73
38	208.12	9.49	0.50
39	213.75	9.47	0.52
40	219.38	9.49	0.50
41	225.00	9.27	0.72
42	230.62	9.16	0.83
43	236.25	9.16	0.83

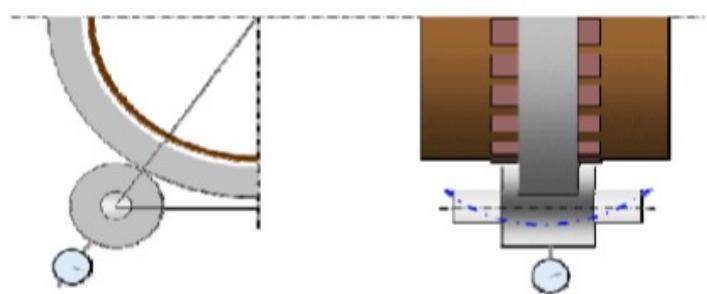
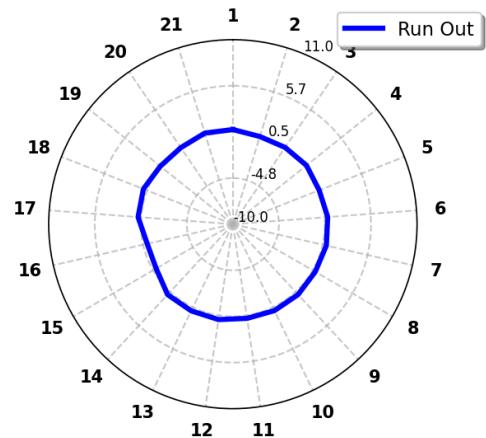
Result:

Runout = 0.99 mm

Angle of Occurrence = 100.25°

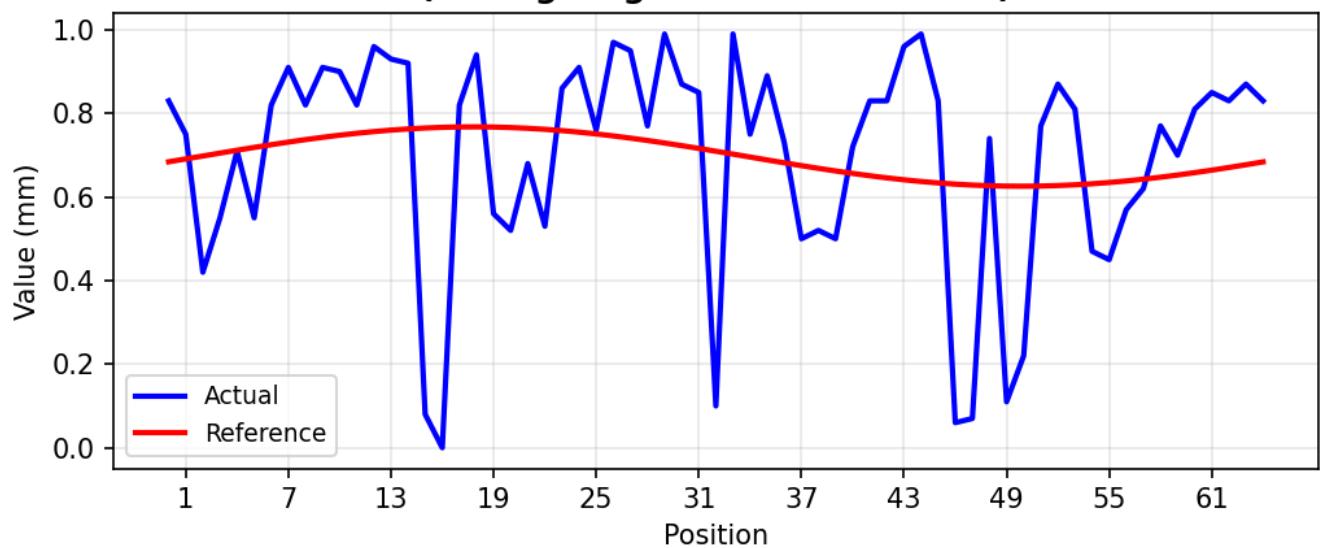
Eccentricity = 0.07 mm

Roller Raceway eccentricity & deformation Polar Graph



Position	Measurement	Data Measured	Run Out
44	241.88	9.03	0.96
45	247.50	9.00	0.99
46	253.12	9.16	0.83
47	258.75	9.93	0.06
48	264.38	9.92	0.07
49	270.00	9.25	0.74
50	275.62	9.88	0.11
51	281.25	9.77	0.22
52	286.88	9.22	0.77
53	292.50	9.12	0.87
54	298.12	9.18	0.81
55	303.75	9.52	0.47
56	309.38	9.54	0.45
57	315.00	9.42	0.57
58	320.62	9.37	0.62
59	326.25	9.22	0.77
60	331.88	9.29	0.70
61	337.50	9.18	0.81
62	343.12	9.14	0.85
63	348.75	9.16	0.83
64	354.38	9.12	0.87
1	360.00	9.16	0.83

**Roller shaft deflection linear Graph
(During single revolution of Kiln)**



Roller shaft deflection Report



Company Name: hhh
Equipment Name: hhh
Capacity: hhh
Date of Measurement: 11/13/25
Method: Single Point

Position	Measurement	Data Measured	Run Out
1	0.00	11.83	0.09
2	5.62	11.64	0.28
3	11.25	11.39	0.53
4	16.88	11.92	0.00
5	22.50	11.71	0.21
6	28.12	11.55	0.37
7	33.75	11.29	0.63
8	39.38	11.33	0.59
9	45.00	11.22	0.70
10	50.62	11.14	0.78
11	56.25	11.40	0.52
12	61.88	11.57	0.35
13	67.50	11.52	0.40
14	73.12	11.81	0.11
15	78.75	11.77	0.15
16	84.38	11.45	0.47
17	90.00	11.91	0.01
18	95.62	11.26	0.66
19	101.25	11.45	0.47
20	106.88	11.31	0.61
21	112.50	11.03	0.89
22	118.12	11.59	0.33
23	123.75	11.59	0.33
24	129.38	11.42	0.50
25	135.00	11.37	0.55
26	140.62	11.30	0.62
27	146.25	11.19	0.73
28	151.88	11.38	0.54
29	157.50	11.55	0.37
30	163.12	11.44	0.48
31	168.75	11.82	0.10
32	174.38	11.61	0.31
33	180.00	11.31	0.61
34	185.62	11.03	0.89
35	191.25	11.43	0.49
36	196.88	11.52	0.40
37	202.50	11.52	0.40
38	208.12	11.12	0.80
39	213.75	11.62	0.30
40	219.38	11.57	0.35
41	225.00	11.46	0.46
42	230.62	11.33	0.59
43	236.25	11.36	0.56

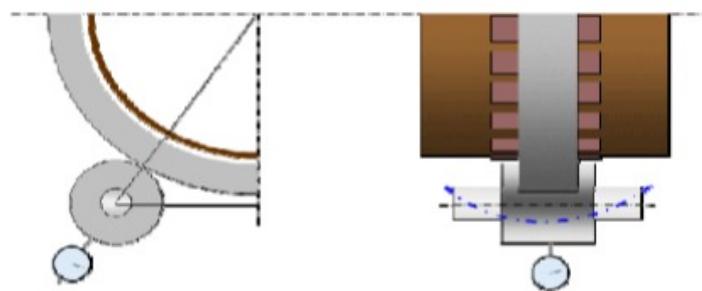
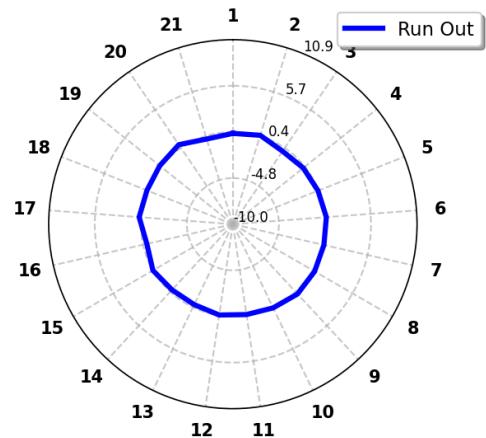
Result:

Runout = 0.89 mm

Angle of Occurrence = 180.01°

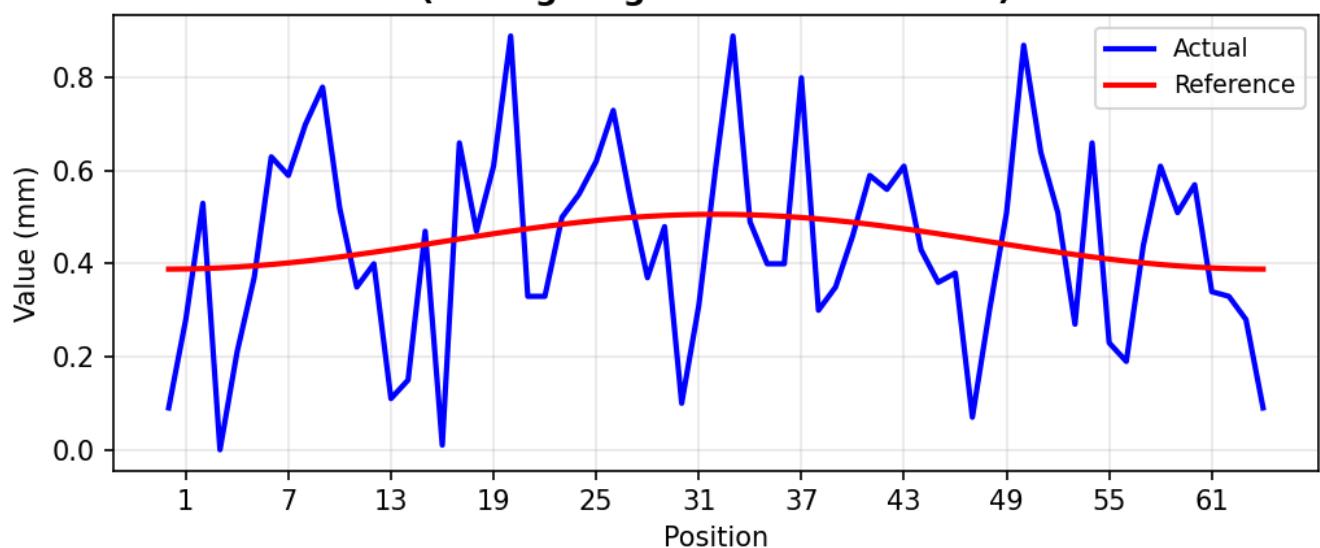
Eccentricity = 0.06 mm

Roller Raceway eccentricity & deformation Polar Graph



Position	Measurement	Data Measured	Run Out
44	241.88	11.31	0.61
45	247.50	11.49	0.43
46	253.12	11.56	0.36
47	258.75	11.54	0.38
48	264.38	11.85	0.07
49	270.00	11.62	0.30
50	275.62	11.41	0.51
51	281.25	11.05	0.87
52	286.88	11.28	0.64
53	292.50	11.41	0.51
54	298.12	11.65	0.27
55	303.75	11.26	0.66
56	309.38	11.69	0.23
57	315.00	11.73	0.19
58	320.62	11.48	0.44
59	326.25	11.31	0.61
60	331.88	11.41	0.51
61	337.50	11.35	0.57
62	343.12	11.58	0.34
63	348.75	11.59	0.33
64	354.38	11.64	0.28
1	360.00	11.83	0.09

**Roller shaft deflection linear Graph
(During single revolution of Kiln)**



Roller shaft deflection Report



Company Name: hhh
Equipment Name: hhh
Capacity: hhh
Date of Measurement: 11/13/25
Method: Single Point

Position	Measurement	Data Measured	Run Out
1	0.00	9.89	0.10
2	5.62	9.62	0.37
3	11.25	9.29	0.70
4	16.88	9.34	0.65
5	22.50	9.30	0.69
6	28.12	9.04	0.95
7	33.75	9.49	0.50
8	39.38	9.26	0.73
9	45.00	9.24	0.75
10	50.62	9.32	0.67
11	56.25	9.99	0.00
12	61.88	9.34	0.65
13	67.50	9.62	0.37
14	73.12	9.90	0.09
15	78.75	9.11	0.88
16	84.38	9.07	0.92
17	90.00	9.74	0.25
18	95.62	9.82	0.17
19	101.25	9.59	0.40
20	106.88	9.29	0.70
21	112.50	9.41	0.58
22	118.12	9.35	0.64
23	123.75	9.11	0.88
24	129.38	9.46	0.53
25	135.00	9.35	0.64
26	140.62	9.02	0.97
27	146.25	9.28	0.71
28	151.88	9.34	0.65
29	157.50	9.23	0.76
30	163.12	9.65	0.34
31	168.75	9.06	0.93
32	174.38	9.01	0.98
33	180.00	9.14	0.85
34	185.62	9.68	0.31
35	191.25	9.82	0.17
36	196.88	9.87	0.12
37	202.50	9.48	0.51
38	208.12	9.47	0.52
39	213.75	9.30	0.69
40	219.38	9.91	0.08
41	225.00	9.43	0.56
42	230.62	9.27	0.72
43	236.25	9.91	0.08

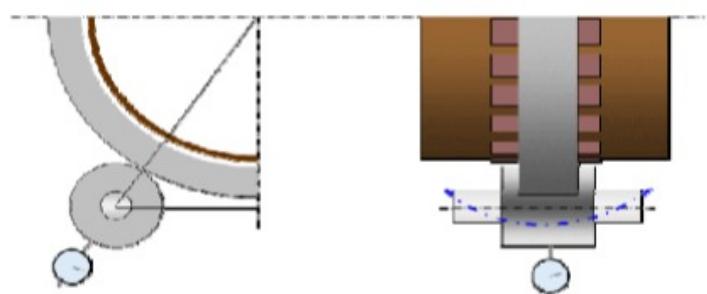
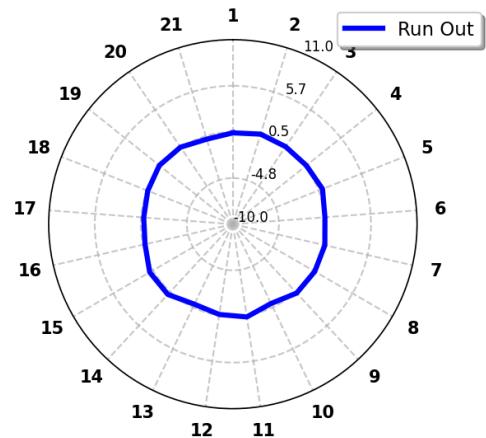
Result:

Runout = 0.99 mm

Angle of Occurrence = 69.87°

Eccentricity = 0.06 mm

Roller Raceway eccentricity & deformation Polar Graph



Position	Measurement	Data Measured	Run Out
44	241.88	9.30	0.69
45	247.50	9.49	0.50
46	253.12	9.12	0.87
47	258.75	9.52	0.47
48	264.38	9.98	0.01
49	270.00	9.94	0.05
50	275.62	9.10	0.89
51	281.25	9.30	0.69
52	286.88	9.82	0.17
53	292.50	9.89	0.10
54	298.12	9.54	0.45
55	303.75	9.43	0.56
56	309.38	9.38	0.61
57	315.00	9.07	0.92
58	320.62	9.34	0.65
59	326.25	9.37	0.62
60	331.88	9.00	0.99
61	337.50	9.24	0.75
62	343.12	9.46	0.53
63	348.75	9.02	0.97
64	354.38	9.50	0.49
1	360.00	9.89	0.10

**Roller shaft deflection linear Graph
(During single revolution of Kiln)**

