Table -2. Rotation Curves

a. From Fig. 5 - RC of the Cartwheel						
1.0	4	82 ± 26	3	83 ± 21	6	81 ± 23
3.0	12	93 ± 35	12	95 ± 32	24	94 ± 33
5.0	19	108 ± 41	20	122 ± 32	39	115 ± 37
7.0	14	139 ± 52	23	152 ± 27	37	147 ± 38
9.0	6	190 ± 27	11	202 ± 34	17	199 ± 32
11.0	6	194 ± 32	11	198 ± 42	17	198 ± 40
13.0	6	75 ± 8	19	202 ± 52	25	170 ± 72
15.0	10	65 ± 9	14	197 ± 22	24	142 ± 69
17.0	5	66 ± 4	17	250 ± 23	22	209 ± 81
19.0	0		18	296 ± 31	18	296 ± 31
21.0	19	134 ± 59	13	322 ± 24	32	217 ± 105
23.0	27	148 ± 58	13	297 ± 59	40	201 ± 92
25.0	23	151 ± 48	53	253 ± 43	76	225 ± 64
27.0	30	178 ± 52	77	244 ± 39	107	229 ± 50
29.0	56	156 ± 20	104	247 ± 40	160	216 ± 56
31.0	80	162 ± 16	109	245 ± 38	189	210 ± 51
33.0	104	169 ± 14	120	243 ± 34	224	208 ± 45
35.0	110	176 ± 11	124	248 ± 34	234	213 ± 44
37.0	123	189 ± 13	127	245 ± 35	250	217 ± 38
39.0	147	204 ± 19	89	258 ± 40	236	223 ± 38
41.0	135	213 ± 21	65	276 ± 42	200	231 ± 40
(1)	(2)	(3)	(4)	(5)	(6)	(7)
R	N_{app}	V_{app}	N_{rec}	V_{rec}	N	V
b. From Fig. 11 - RC for the spiral companion						
1.5	3	21 ± 3	3	25 ± 2	6	23 ± 3
2.5	5	19 ± 5	5	51 ± 14	10	35 ± 2
0 3.5	7	26 ± 9	7	60 ± 12	14	43 ± 21
4.5	9	25 ± 10	9	64 ± 18	18	44 ± 25
5.5	12	38 ± 12	11	52 ± 13	23	45 ± 14
6.5	12	38 ± 9	12	52 ± 13	24	45 ± 13
7.5	16	45 ± 11	16	43 ± 15	32	44 ± 13
8.5	16	51 ± 11	16	46 ± 11	32	49 ± 11
9.5	16	57 ± 10	19	43 ± 13	35	49 ± 13
10.5	13	60 ± 12	19	45 ± 14	32	51 ± 15
11.5	10	65 ± 11	22	39 ± 12	32	47 ± 16
12.5	11	55 ± 13	24	44 ± 15	35	47 ± 15
13.5	4	51 ± 16	25	47 ± 12	29	48 ± 12
14.5	3	53 ± 5	22	46 ± 11	25	46 ± 11
15.5	1	59 ± 0	15	44 ± 8	16	44 ± 8
16.5	0		7	46 ± 8	7	46 ± 8

Table -2. continued

43.0	96	221 ± 22	42	269 ± 25	138	233 ± 31
45.0	77	230 ± 27	38	254 ± 27	115	237 ± 29
47.0	56	231 ± 28	30	236 ± 69	86	233 ± 44
49.0	53	253 ± 37	21	191 ± 105	74	239 ± 65
51.0	51	260 ± 31	9	44 ± 13	60	237 ± 73
53.0	43	260 ± 28	1	25 ± 0	44	257 ± 40
55.0	28	258 ± 17	0		28	258 ± 17
57.0	29	276 ± 25	0		29	276 ± 25
59.0	13	299 ± 29	0		13	299 ± 29

(1) R : Mean radius of the annulus in arcsec on the major axis
(2) N_{app} : Number of points with measurable radial velocities in this annulus for the approaching side
(3) V_{app} : Weighted average velocity calculated from these velocity points, followed by the ± 1 rms error
(4) N_{app} : Similar to (2) for the receding side
(5) V_{app} : Similar to (3) for the receding side
(6) N : Total number of velocity points in the annulus
N = N_{app} + N_{rec}
(7) V : Weighted average velocity calculated from both sides, followed by the ±1 rms error

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