

-1-

Zal. B-13

EKO-BUD-ROL Ostrołęka Zlec.: W.G."CZERWONKA"

EKO-BUD-ROL Ostrołęka zlec. Urząd Gminy w Czerwonce

Projekt sieci wodociągowej dla msc. Ciemnowo, Sewerynowo-gm.Czerwonka w ramach rozbudowy ist. Wodociągu Grupowego -"Czerwonka". oraz projekt łącznika dla wodociągu grupowego: "Czerwonka" i "Jankowo" woda gosp. byt.

Gęstość 1.000 kg/l Lepkość 1.310 cSt Dokl.iter. .05 m Wzór Colebrooka-White'a

W e z l y

Table with 12 columns: WEZ, RW, QW, RLC, HW, PW (repeated). Rows 1-36 with numerical data.

O d c i n k i

Table with 11 columns: WP, WK, L, PJ/UE, QL, ZT, QP, QK, HSTR, VSR, K.ROZB. Rows 1-11 with numerical data.

12	13	337.	80	.8	.0	.8	.0	.1	.09	.00
12	14	402.	100	1.0	.0	4.0	3.0	1.1	.48	.00
12	25	898.	150	.0	.0	9.9	9.9	2.6	.63	.00
14	15	359.	80	.5	.0	1.4	1.0	.4	.25	.00
14	X	190.	80	.5	.0	1.6	1.1	.3	.28	.00
15	16	254.	100	.6	.0	1.7	1.0	.1	.18	.00
16	17	177.	80	.4	.0	.4	.0	.0	.04	.00
16	18	152.	80	.4	.0	.7	.2	.0	.09	.00
18	19	50.	80	.2	.0	.2	.0	.0	.02	.00
2	12	1521.	150	.0	.0	14.7	14.7	9.0	.93	.00
20	21	540.	100	.7	.0	1.5	.8	.2	.15	.00
21	22	763.	100	.0	.0	.8	.8	.1	.10	.00
22	23	460.	80	.7	.0	.7	.0	.1	.07	.00
22	24	95.	80	.1	.0	.1	.0	.0	.01	.00
25	26	481.	150	.0	.0	9.9	9.9	1.4	.63	.00
26	27	424.	100	.0	.0	.2	.2	.0	.02	.00
26	30	506.	150	.4	.0	9.7	9.3	1.4	.60	.00
27	28	123.	80	.1	.0	.1	.0	.0	.01	.00
27	29	123.	80	.1	.0	.1	.0	.0	.01	.00
3	2	303.	100	.0	.0	1.0	1.0	.1	.13	.00
30	31	814.	100	.6	.0	.6	.0	.0	.04	.00
30	32	658.	150	.0	.0	.3	.3	.0	.02	.00
30	34	650.	150	.0	.0	8.4	8.4	1.4	.54	.00
32	33	459.	150	.3	.0	.3	.0	.0	.01	.00
34	35	1000.	150	3.9	.0	8.4	4.6	1.3	.41	.00
35	36	650.	150	.0	.0	4.6	4.6	.5	.29	.00
35J	10J	1180.	150	.0	.0	.0	.0	.0	.00	.00
36	37	270.	150	2.5	.0	4.6	2.1	.1	.21	.00
36J	35J	1100.	150	.5	.0	.5	.0	.0	.02	.00
36J	37J	416.	100	.0	.0	.0	.0	.0	.00	.00
37	38	500.	150	.0	.0	2.1	2.1	.1	.13	.00
38	39	160.	150	.4	.0	.4	.0	.0	.01	.00
38	40	650.	150	1.7	.0	1.7	.0	.0	.05	.00
39J	36J	1800.	150	.0	.0	.5	.5	.0	.03	.00
39J	38J	1510.	150	1.4	.0	1.4	.0	.0	.04	.00
4	3	1034.	100	.6	.0	1.6	1.0	.5	.18	.00
4	39J	2725.	150	.0	.0	2.0	2.0	.4	.12	.00
4	5	374.	80	.2	.0	.6	.4	.1	.10	.00
42	41	300.	80	.6	.0	.6	.0	.0	.06	.00
42	42A	620.	150	1.3	.0	5.1	3.8	.4	.28	.00
42	51	650.	100	1.3	.0	3.7	2.4	1.4	.42	.00
42A	43	320.	100	.0	.0	3.8	3.8	1.1	.52	.00
43	44	640.	100	.0	.0	3.8	3.8	2.1	.52	.00
44	45	400.	80	.8	.0	.8	.0	.1	.08	.00
44	46	260.	100	.0	.0	3.0	3.0	.6	.41	.00
46	47	700.	100	1.4	.0	1.4	.0	.1	.10	.00
46	48	560.	100	1.1	.0	1.1	.0	.1	.08	.00
46	49	500.	100	.0	.0	.5	.5	.0	.07	.00
49	50	250.	100	.5	.0	.5	.0	.0	.03	.00
5	6	634.	80	.4	.0	.4	.0	.0	.04	.00
51	52	970.	100	.0	.0	2.4	2.4	1.4	.33	.00
52	53	1100.	100	2.4	.0	2.4	.0	.5	.16	.00
60	10	393.	100	.2	.0	1.9	1.7	.3	.24	.00
60	42	1950.	150	.0	.0	9.4	9.4	5.1	.60	.00
7	4	367.	100	.2	.0	4.4	4.2	1.5	.59	.00
7	8	634.	80	.4	.0	.4	.0	.0	.04	.00
9	60	850.	100	.5	.0	2.5	2.0	1.0	.30	.00
9	7	131.	100	.1	.0	4.9	4.8	.7	.66	.00
STW	1	81.	150	.0	.0	21.7	21.7	1.0	1.4	.00
STW	60	1000.	150	.0	.0	9.4	9.4	2.6	.59	.00
X	15	189.	80	.5	.0	1.1	.7	.1	.18	.00

EKO-BUD-ROL Ostrołęka Zlec.: W.G."CZERWONKA"

EKO-BUD-ROL Ostrołęka zlec. Urząd Gminy w Czerwoncu

Projekt sieci wodociągowej dla msc. Ciemnowo, Sewerynowo-gm.Czerwonka
w ramach rozbudowy ist. Wodociągu Grupowego -" Czerwonka".
oraz projekt łącznika dla wodociągu grupowego: "Czerwonka" i "Jankowo"
pożar w węźle 38j- 10l/s

Gęstość 1.000 kg/l W e z l y						Lepkość 1.310 cSt						Dokl.iter. .05 m						Wzór Colebrooka-White'a					
WEZ	RW	QW	RLC	HW	PW	WEZ	RW	QW	RLC	HW	PW	WEZ	RW	QW	RLC	HW	PW	WEZ	RW	QW	RLC	HW	PW
	m	l/s	m	m	kPa		m	l/s	m	m	kPa		m	l/s	m	m	kPa		m	l/s	m	m	kPa
1	118.2	.0	157.4	39.2	384	36J	110.0	.0	139.8	29.8	292												
10	119.5	.0	156.4	36.9	362	37	112.0	.0	145.3	33.3	326												
10J	109.8	.0	139.8	30.0	294	37J	115.0	.0	139.8	24.8	243												
11	118.8	.0	156.2	37.4	366	38	114.1	.0	145.2	31.1	305												
12	116.8	.0	149.6	32.8	321	38J	110.0	10.0	135.0	25.0	246												
13	118.0	.0	149.5	31.5	309	39	114.1	.0	145.2	31.1	305												
14	115.0	.0	149.0	34.0	334	39J	115.0	.0	139.8	24.8	244												
15	114.6	.0	148.8	34.2	335	4	115.5	.0	149.8	34.3	336												
16	115.8	.0	148.7	32.9	323	40	112.0	.0	145.2	33.2	326												
17	118.3	.0	148.7	30.4	298	41	110.0	.0	154.0	44.0	432												
18	117.0	.0	148.7	31.7	311	42	112.7	.0	154.1	41.4	406												
19	115.0	.0	148.7	33.7	331	42A	115.9	.0	153.8	37.9	372												
2	117.2	.0	154.0	36.8	361	43	117.0	.0	153.3	36.3	356												
20	119.5	.0	155.8	36.3	356	44	117.0	.0	152.3	35.3	346												
21	116.7	.0	155.7	39.0	382	45	119.4	.0	152.2	32.8	322												
22	114.1	.0	155.6	41.5	407	46	118.0	.0	152.0	34.0	333												
23	114.8	.0	155.6	40.8	400	47	119.5	.0	151.9	32.4	318												
24	112.9	.0	155.6	42.7	419	48	115.0	.0	151.9	36.9	362												
25	123.1	.0	148.3	25.2	247	49	116.7	.0	152.0	35.3	346												
26	116.4	.0	147.6	31.2	306	5	117.0	.0	149.7	32.7	321												
27	117.6	.0	147.6	30.0	294	50	117.0	.0	152.0	35.0	343												
28	119.0	.0	147.6	28.6	281	51	109.2	.0	153.3	44.1	433												
29	120.5	.0	147.6	27.1	266	52	105.9	.0	152.6	46.7	458												
3	118.0	.0	153.0	35.0	343	53	105.0	.0	152.4	47.4	465												
30	114.4	.0	146.9	32.5	319	6	112.5	.0	149.7	37.2	365												
31	116.2	.0	146.9	30.7	301	60	117.4	.0	156.6	39.2	384												
32	117.5	.0	146.9	29.4	289	7	114.0	.0	154.7	40.7	399												
33	126.6	.0	146.9	20.3	199	8	114.5	.0	154.7	40.2	394												
34	120.0	.0	146.2	26.2	257	9	116.0	.0	156.6	40.6	398												
35	114.0	.0	145.6	31.6	310	STW	118.5	-31.1	158.5	40.0	392												
35J	109.8	.0	139.8	30.0	294	X	115.6	.0	148.9	33.3	326												
36	113.0	.0	145.3	32.3	317																		

O d c i n k i

WP	WK	L	PJ/UE	QL	ZT	QP	QK	HSTR	VSR	K.ROZB
		m		l/s		l/s	l/s	m	m/s	mln zł
1	2	619.	150	.3	.0	14.2	13.9	3.4	.89	.00
1	9	331.	150	.1	.0	9.0	8.9	.8	.57	.00
10	11	312.	80	.1	.0	1.1	1.0	.3	.22	.00
11	20	1180.	100	.0	.0	1.0	1.0	.4	.14	.00
12	13	337.	80	.6	.0	.6	.0	.0	.06	.00

12	14	402.	100	.7	.0	2.7	2.1	.6	.33	.00
12	25	898.	150	.0	.0	6.7	6.7	1.3	.43	.00
14	15	359.	80	.3	.0	1.0	.7	.2	.17	.00
14	X	190.	80	.3	.0	1.1	.8	.1	.19	.00
15	16	254.	100	.4	.0	1.1	.7	.1	.13	.00
16	17	177.	80	.3	.0	.3	.0	.0	.03	.00
16	18	152.	80	.3	.0	.4	.1	.0	.06	.00
18	19	50.	80	.1	.0	.1	.0	.0	.02	.00
2	12	1521.	150	.0	.0	10.0	10.0	4.5	.63	.00
2	3	303.	100	.0	.0	3.9	3.9	1.0	.53	.00
20	21	540.	100	.5	.0	1.0	.5	.1	.10	.00
21	22	763.	100	.0	.0	.5	.5	.1	.07	.00
22	23	460.	80	.4	.0	.4	.0	.0	.04	.00
22	24	95.	80	.1	.0	.1	.0	.0	.01	.00
25	26	481.	150	.0	.0	6.7	6.7	.7	.43	.00
26	27	424.	100	.0	.0	.1	.1	.0	.02	.00
26	30	506.	150	.2	.0	6.6	6.4	.7	.41	.00
27	28	123.	80	.1	.0	.1	.0	.0	.01	.00
27	29	123.	80	.1	.0	.1	.0	.0	.01	.00
3	4	1034.	100	.4	.0	3.9	3.5	3.2	.50	.00
30	31	814.	100	.4	.0	.4	.0	.0	.03	.00
30	32	658.	150	.0	.0	.2	.2	.0	.01	.00
30	34	650.	150	.0	.0	5.7	5.7	.7	.36	.00
32	33	459.	150	.2	.0	.2	.0	.0	.01	.00
34	35	1000.	150	2.6	.0	5.7	3.1	.7	.28	.00
35	36	650.	150	.0	.0	3.1	3.1	.2	.20	.00
35J	10J	1180.	150	.0	.0	.0	.0	.0	.00	.00
36	37	270.	150	1.7	.0	3.1	1.4	.1	.14	.00
36J	35J	1100.	150	.4	.0	.4	.0	.0	.01	.00
36J	37J	416.	100	.0	.0	.0	.0	.0	.00	.00
37	38	500.	150	.0	.0	1.4	1.4	.0	.09	.00
38	39	160.	150	.3	.0	.3	.0	.0	.01	.00
38	40	650.	150	1.1	.0	1.1	.0	.0	.04	.00
39J	36J	1800.	150	.0	.0	.4	.4	.0	.02	.00
39J	38J	1510.	150	1.0	.0	11.0	10.0	4.8	.66	.00
4	39J	2725.	150	.0	.0	11.3	11.3	10.0	.72	.00
4	5	374.	80	.2	.0	.4	.3	.0	.07	.00
42	41	300.	80	.4	.0	.4	.0	.0	.04	.00
42	42A	620.	150	.9	.0	3.5	2.6	.2	.19	.00
42	51	650.	100	.9	.0	2.5	1.6	.7	.28	.00
42A	43	320.	100	.0	.0	2.6	2.6	.5	.35	.00
43	44	640.	100	.0	.0	2.6	2.6	1.1	.35	.00
44	45	400.	80	.5	.0	.5	.0	.0	.06	.00
44	46	260.	100	.0	.0	2.1	2.1	.3	.28	.00
46	47	700.	100	1.0	.0	1.0	.0	.1	.07	.00
46	48	560.	100	.8	.0	.8	.0	.0	.05	.00
46	49	500.	100	.0	.0	.3	.3	.0	.05	.00
49	50	250.	100	.3	.0	.3	.0	.0	.02	.00
5	6	634.	80	.3	.0	.3	.0	.0	.03	.00
51	52	970.	100	.0	.0	1.6	1.6	.7	.22	.00
52	53	1100.	100	1.6	.0	1.6	.0	.2	.11	.00
60	10	393.	100	.2	.0	1.3	1.1	.2	.16	.00
60	42	1950.	150	.0	.0	6.4	6.4	2.5	.41	.00
60	9	850.	100	.4	.0	.2	-.2	.0	.01	.00
7	4	367.	100	.2	.0	8.4	8.2	4.9	1.1	.00
7	8	634.	80	.3	.0	.3	.0	.0	.03	.00
9	7	131.	100	.1	.0	8.7	8.7	1.9	1.2	.00
STW	1	81.	150	.0	.0	23.2	23.2	1.1	1.5	.00
STW	60	1000.	150	.0	.0	7.9	7.9	1.9	.50	.00
X	15	189.	80	.3	.0	.8	.5	.1	.12	.00

EKO-BUD-ROL Ostrołęka Zlec.: W.G."CZERWONKA"

EKO-BUD-ROL Ostrołęka zlec. Urząd Gminy w Czerwoncu

Projekt sieci wodociągowej dla msc. Ciemnowo, Sewerynowo-gm.Czerwonka
w ramach rozbudowy ist. Wodociągu Grupowego-" Czerwonka".
oraz projekt łącznika dla wodociągu grupowego: "Czerwonka" i "Jankowo"
pożar w węźle 36j- 101/s

Gęstość Lepkość Dokl.iter. Wzór
1.000 kg/l 1.310 cSt .05 m Colebrooka-White'a
W e z l y

WEZ	RW m	QW l/s	RLC m	HW m	PW kPa	WEZ	RW m	QW l/s	RLC m	HW m	PW kPa
1	118.2	.0	157.4	39.2	384	36J	110.0	10.0	134.2	24.2	238
10	119.5	.0	156.4	36.9	362	37	112.0	.0	145.3	33.3	326
10J	109.8	.0	134.2	24.4	240	37J	115.0	.0	134.2	19.2	189
11	118.8	.0	156.2	37.4	366	38	114.1	.0	145.2	31.1	305
12	116.8	.0	149.6	32.8	321	38J	110.0	.0	139.8	29.8	292
13	118.0	.0	149.5	31.5	309	39	114.1	.0	145.2	31.1	305
14	115.0	.0	149.0	34.0	334	39J	115.0	.0	139.8	24.8	244
15	114.6	.0	148.8	34.2	335	4	115.5	.0	149.8	34.3	336
16	115.8	.0	148.7	32.9	323	40	112.0	.0	145.2	33.2	326
17	118.3	.0	148.7	30.4	298	41	110.0	.0	154.0	44.0	432
18	117.0	.0	148.7	31.7	311	42	112.7	.0	154.1	41.4	406
19	115.0	.0	148.7	33.7	331	42A	115.9	.0	153.8	37.9	372
2	117.2	.0	154.0	36.8	361	43	117.0	.0	153.3	36.3	356
20	119.5	.0	155.8	36.3	356	44	117.0	.0	152.3	35.3	346
21	116.7	.0	155.7	39.0	382	45	119.4	.0	152.2	32.8	322
22	114.1	.0	155.6	41.5	407	46	118.0	.0	152.0	34.0	333
23	114.8	.0	155.6	40.8	400	47	119.5	.0	151.9	32.4	318
24	112.9	.0	155.6	42.7	419	48	115.0	.0	151.9	36.9	362
25	123.1	.0	148.3	25.2	247	49	116.7	.0	152.0	35.3	346
26	116.4	.0	147.6	31.2	306	5	117.0	.0	149.7	32.7	321
27	117.6	.0	147.6	30.0	294	50	117.0	.0	152.0	35.0	343
28	119.0	.0	147.6	28.6	281	51	109.2	.0	153.3	44.1	433
29	120.5	.0	147.6	27.1	266	52	105.9	.0	152.6	46.7	458
3	118.0	.0	153.0	35.0	343	53	105.0	.0	152.4	47.4	465
30	114.4	.0	146.9	32.5	319	6	112.5	.0	149.7	37.2	365
31	116.2	.0	146.9	30.7	301	60	117.4	.0	156.6	39.2	384
32	117.5	.0	146.9	29.4	289	7	114.0	.0	154.7	40.7	399
33	126.6	.0	146.9	20.3	199	8	114.5	.0	154.7	40.2	394
34	120.0	.0	146.2	26.2	257	9	116.0	.0	156.6	40.6	398
35	114.0	.0	145.6	31.6	310	STW	118.5	-31.1	158.5	40.0	392
35J	109.8	.0	134.2	24.4	240	X	115.6	.0	148.9	33.3	326
36	113.0	.0	145.3	32.3	317						

O d c i n k i

WP	WK	L m	PJ/UE	QL l/s	ZT	QP l/s	QK l/s	HSTR m	VSR m/s	K.ROZB mln zł
1	2	619.	150	.3	.0	14.2	13.9	3.4	.89	.00
1	9	331.	150	.1	.0	9.0	8.9	.8	.57	.00
10	11	312.	80	.1	.0	1.1	1.0	.3	.22	.00
11	20	1180.	100	.0	.0	1.0	1.0	.4	.14	.00

12	13	337.	80	.6	.0	.6	.0	.0	.06	.00
12	14	402.	100	.7	.0	2.7	2.1	.6	.33	.00
12	25	898.	150	.0	.0	6.7	6.7	1.3	.43	.00
14	15	359.	80	.3	.0	1.0	.7	.2	.17	.00
14	X	190.	80	.3	.0	1.1	.8	.1	.19	.00
15	16	254.	100	.4	.0	1.1	.7	.1	.13	.00
16	17	177.	80	.3	.0	.3	.0	.0	.03	.00
16	18	152.	80	.3	.0	.4	.1	.0	.06	.00
18	19	50.	80	.1	.0	.1	.0	.0	.02	.00
2	12	1521.	150	.0	.0	10.0	10.0	4.5	.63	.00
2	3	303.	100	.0	.0	3.9	3.9	1.0	.53	.00
20	21	540.	100	.5	.0	1.0	.5	.1	.10	.00
21	22	763.	100	.0	.0	.5	.5	.1	.07	.00
22	23	460.	80	.4	.0	.4	.0	.0	.04	.00
22	24	95.	80	.1	.0	.1	.0	.0	.01	.00
25	26	481.	150	.0	.0	6.7	6.7	.7	.43	.00
26	27	424.	100	.0	.0	.1	.1	.0	.02	.00
26	30	506.	150	.2	.0	6.6	6.4	.7	.41	.00
27	28	123.	80	.1	.0	.1	.0	.0	.01	.00
27	29	123.	80	.1	.0	.1	.0	.0	.01	.00
3	4	1034.	100	.4	.0	3.9	3.5	3.2	.50	.00
30	31	814.	100	.4	.0	.4	.0	.0	.03	.00
30	32	658.	150	.0	.0	.2	.2	.0	.01	.00
30	34	650.	150	.0	.0	5.7	5.7	.7	.36	.00
32	33	459.	150	.2	.0	.2	.0	.0	.01	.00
34	35	1000.	150	2.6	.0	5.7	3.1	.7	.28	.00
35	36	650.	150	.0	.0	3.1	3.1	.2	.20	.00
35J	10J	1180.	150	.0	.0	.0	.0	.0	.00	.00
36	37	270.	150	1.7	.0	3.1	1.4	.1	.14	.00
36J	35J	1100.	150	.4	.0	.4	.0	.0	.01	.00
36J	37J	416.	100	.0	.0	.0	.0	.0	.00	.00
37	38	500.	150	.0	.0	1.4	1.4	.0	.09	.00
38	39	160.	150	.3	.0	.3	.0	.0	.01	.00
38	40	650.	150	1.1	.0	1.1	.0	.0	.04	.00
39J	36J	1800.	150	.0	.0	10.4	10.4	5.6	.66	.00
39J	38J	1510.	150	1.0	.0	1.0	.0	.0	.03	.00
4	39J	2725.	150	.0	.0	11.3	11.3	10.0	.72	.00
4	5	374.	80	.2	.0	.4	.3	.0	.07	.00
42	41	300.	80	.4	.0	.4	.0	.0	.04	.00
42	42A	620.	150	.9	.0	3.5	2.6	.2	.19	.00
42	51	650.	100	.9	.0	2.5	1.6	.7	.28	.00
42A	43	320.	100	.0	.0	2.6	2.6	.5	.35	.00
43	44	640.	100	.0	.0	2.6	2.6	1.1	.35	.00
44	45	400.	80	.5	.0	.5	.0	.0	.06	.00
44	46	260.	100	.0	.0	2.1	2.1	.3	.28	.00
46	47	700.	100	1.0	.0	1.0	.0	.1	.07	.00
46	48	560.	100	.8	.0	.8	.0	.0	.05	.00
46	49	500.	100	.0	.0	.3	.3	.0	.05	.00
49	50	250.	100	.3	.0	.3	.0	.0	.02	.00
5	6	634.	80	.3	.0	.3	.0	.0	.03	.00
51	52	970.	100	.0	.0	1.6	1.6	.7	.22	.00
52	53	1100.	100	1.6	.0	1.6	.0	.2	.11	.00
60	10	393.	100	.2	.0	1.3	1.1	.2	.16	.00
60	42	1950.	150	.0	.0	6.4	6.4	2.5	.41	.00
60	9	850.	100	.4	.0	.2	-.2	.0	.01	.00
7	4	367.	100	.2	.0	8.4	8.2	4.9	1.1	.00
7	8	634.	80	.3	.0	.3	.0	.0	.03	.00
9	7	131.	100	.1	.0	8.7	8.7	1.9	1.2	.00
STW	1	81.	150	.0	.0	23.2	23.2	1.1	1.5	.00
STW	60	1000.	150	.0	.0	7.9	7.9	1.9	.50	.00
X	15	189.	80	.3	.0	.8	.5	.1	.12	.00

EKO-BUD-ROL Ostrołęka Zlec.: W.G."CZERWONKA"

EKO-BUD-ROL Ostrołęka zlec. Urząd Gminy w Czerwonce
 Projekt sieci wodociągowej dla msc. Ciemnowo, Sewerynowo-gm.Czerwonka
 w ramach rozbudowy ist. Wodociągu Grupowego -" Czerwonka".
 oraz projekt łącznika dla wodociągu grupowego: "Czerwonka" i "Jankowo"

pożar w węźle 10j- 101/s

W e z l y

WEZ	RW m	QW l/s	RLC m	HW m	PW kPa	WEZ	RW m	QW l/s	RLC m	HW m	PW kPa
1	118.2	.0	157.4	39.2	384	36J	110.0	.0	134.2	24.2	238
10	119.5	.0	156.4	36.9	362	37	112.0	.0	145.3	33.3	326
10J	109.8	10.0	127.5	17.7	173	37J	115.0	.0	134.2	19.2	189
11	118.8	.0	156.2	37.4	366	38	114.1	.0	145.2	31.1	305
12	116.8	.0	149.6	32.8	321	38J	110.0	.0	139.8	29.8	292
13	118.0	.0	149.5	31.5	309	39	114.1	.0	145.2	31.1	305
14	115.0	.0	149.0	34.0	334	39J	115.0	.0	139.8	24.8	244
15	114.6	.0	148.8	34.2	335	4	115.5	.0	149.8	34.3	336
16	115.8	.0	148.7	32.9	323	40	112.0	.0	145.2	33.2	326
17	118.3	.0	148.7	30.4	298	41	110.0	.0	154.0	44.0	432
18	117.0	.0	148.7	31.7	311	42	112.7	.0	154.1	41.4	406
19	115.0	.0	148.7	33.7	331	42A	115.9	.0	153.8	37.9	372
2	117.2	.0	154.0	36.8	361	43	117.0	.0	153.3	36.3	356
20	119.5	.0	155.8	36.3	356	44	117.0	.0	152.3	35.3	346
21	116.7	.0	155.7	39.0	382	45	119.4	.0	152.2	32.8	322
22	114.1	.0	155.6	41.5	407	46	118.0	.0	152.0	34.0	333
23	114.8	.0	155.6	40.8	400	47	119.5	.0	151.9	32.4	318
24	112.9	.0	155.6	42.7	419	48	115.0	.0	151.9	36.9	362
25	123.1	.0	148.3	25.2	247	49	116.7	.0	152.0	35.3	346
26	116.4	.0	147.6	31.2	306	5	117.0	.0	149.7	32.7	321
27	117.6	.0	147.6	30.0	294	50	117.0	.0	152.0	35.0	343
28	119.0	.0	147.6	28.6	281	51	109.2	.0	153.3	44.1	433
29	120.5	.0	147.6	27.1	266	52	105.9	.0	152.6	46.7	458
3	118.0	.0	153.0	35.0	343	53	105.0	.0	152.4	47.4	465
30	114.4	.0	146.9	32.5	319	6	112.5	.0	149.7	37.2	365
31	116.2	.0	146.9	30.7	301	60	117.4	.0	156.6	39.2	384
32	117.5	.0	146.9	29.4	289	7	114.0	.0	154.7	40.7	399
33	126.6	.0	146.9	20.3	199	8	114.5	.0	154.7	40.2	394
34	120.0	.0	146.2	26.2	257	9	116.0	.0	156.6	40.6	398
35	114.0	.0	145.6	31.6	310	STW	118.5	-31.1	158.5	40.0	392
35J	109.8	.0	130.9	21.1	207	X	115.6	.0	148.9	33.3	326
36	113.0	.0	145.3	32.3	317						

O d c i n k i

WP	WK	L m	PJ/UE	QL l/s	ZT	QP l/s	QK l/s	HSTR m	VSR m/s	K.ROZB mln zł
1	2	619.	150	.3	.0	14.2	13.9	3.4	.89	.00
1	9	331.	150	.1	.0	9.0	8.9	.8	.57	.00
10	11	312.	80	.1	.0	1.1	1.0	.3	.22	.00
11	20	1180.	100	.0	.0	1.0	1.0	.4	.14	.00
12	13	337.	80	.6	.0	.6	.0	.0	.06	.00
12	14	402.	100	.7	.0	2.7	2.1	.6	.33	.00
12	25	898.	150	.0	.0	6.7	6.7	1.3	.43	.00
14	15	359.	80	.3	.0	1.0	.7	.2	.17	.00

14	X	190.	80	.3	.0	1.1	.8	.1	.19	.00
15	16	254.	100	.4	.0	1.1	.7	.1	.13	.00
16	17	177.	80	.3	.0	.3	.0	.0	.03	.00
16	18	152.	80	.3	.0	.4	.1	.0	.06	.00
18	19	50.	80	.1	.0	.1	.0	.0	.02	.00
2	12	1521.	150	.0	.0	10.0	10.0	4.5	.63	.00
2	3	303.	100	.0	.0	3.9	3.9	1.0	.53	.00
20	21	540.	100	.5	.0	1.0	.5	.1	.10	.00
21	22	763.	100	.0	.0	.5	.5	.1	.07	.00
22	23	460.	80	.4	.0	.4	.0	.0	.04	.00
22	24	95.	80	.1	.0	.1	.0	.0	.01	.00
25	26	481.	150	.0	.0	6.7	6.7	.7	.43	.00
26	27	424.	100	.0	.0	.1	.1	.0	.02	.00
26	30	506.	150	.2	.0	6.6	6.4	.7	.41	.00
27	28	123.	80	.1	.0	.1	.0	.0	.01	.00
27	29	123.	80	.1	.0	.1	.0	.0	.01	.00
3	4	1034.	100	.4	.0	3.9	3.5	3.2	.50	.00
30	31	814.	100	.4	.0	.4	.0	.0	.03	.00
30	32	658.	150	.0	.0	.2	.2	.0	.01	.00
30	34	650.	150	.0	.0	5.7	5.7	.7	.36	.00
32	33	459.	150	.2	.0	.2	.0	.0	.01	.00
34	35	1000.	150	2.6	.0	5.7	3.1	.7	.28	.00
35	36	650.	150	.0	.0	3.1	3.1	.2	.20	.00
35J	10J	1180.	150	.0	.0	10.0	10.0	3.4	.63	.00
36	37	270.	150	1.7	.0	3.1	1.4	.1	.14	.00
36J	35J	1100.	150	.4	.0	10.4	10.0	3.3	.64	.00
36J	37J	416.	100	.0	.0	.0	.0	.0	.00	.00
37	38	500.	150	.0	.0	1.4	1.4	.0	.09	.00
38	39	160.	150	.3	.0	.3	.0	.0	.01	.00
38	40	650.	150	1.1	.0	1.1	.0	.0	.04	.00
39J	36J	1800.	150	.0	.0	10.4	10.4	5.6	.66	.00
39J	38J	1510.	150	1.0	.0	1.0	.0	.0	.03	.00
4	39J	2725.	150	.0	.0	11.3	11.3	10.0	.72	.00
4	5	374.	80	.2	.0	.4	.3	.0	.07	.00
42	41	300.	80	.4	.0	.4	.0	.0	.04	.00
42	42A	620.	150	.9	.0	3.5	2.6	.2	.19	.00
42	51	650.	100	.9	.0	2.5	1.6	.7	.28	.00
42A	43	320.	100	.0	.0	2.6	2.6	.5	.35	.00
43	44	640.	100	.0	.0	2.6	2.6	1.1	.35	.00
44	45	400.	80	.5	.0	.5	.0	.0	.06	.00
44	46	260.	100	.0	.0	2.1	2.1	.3	.28	.00
46	47	700.	100	1.0	.0	1.0	.0	.1	.07	.00
46	48	560.	100	.8	.0	.8	.0	.0	.05	.00
46	49	500.	100	.0	.0	.3	.3	.0	.05	.00
49	50	250.	100	.3	.0	.3	.0	.0	.02	.00
5	6	634.	80	.3	.0	.3	.0	.0	.03	.00
51	52	970.	100	.0	.0	1.6	1.6	.7	.22	.00
52	53	1100.	100	1.6	.0	1.6	.0	.2	.11	.00
60	10	393.	100	.2	.0	1.3	1.1	.2	.16	.00
60	42	1950.	150	.0	.0	6.4	6.4	2.5	.41	.00
60	9	850.	100	.4	.0	.2	-.2	.0	.01	.00
7	4	367.	100	.2	.0	8.4	8.2	4.9	1.1	.00
7	8	634.	80	.3	.0	.3	.0	.0	.03	.00
9	7	131.	100	.1	.0	8.7	8.7	1.9	1.2	.00
STW	1	81.	150	.0	.0	23.2	23.2	1.1	1.5	.00
STW	60	1000.	150	.0	.0	7.9	7.9	1.9	.50	.00
X	15	189.	80	.3	.0	.8	.5	.1	.12	.00

40049.

.00