

I-40-04-SS

Brand: Landscape Irrigation

Product Line: Rotors

Product Model: I-40

SKU: I4004SS

Description: I-40 Rotor, 10 cm, adjustable from 50° to 360°, 1" (25 mm) NPT inlet, stainless steel riser, check valve, six nozzles included, also available with nozzle 8, 10, 13, 15, 23, or 25 pre-installed

Dimensions

Height: 200.03 mm
Pop-up Height: 10 cm
Diameter: 50.80 mm
Exposed Diameter: 50.80 mm



Operating Specifications

Arc: 50° to 360°
Operating Pressure: 2.5 to 7.0 bar; 250 to 700 kPa
Precipitation Rate: 10 mm/hr
Radius: 13.1 to 23.2 m
Flow: 1.63 to 6.84 m3/hr; 27.2 to 114.1 l/min

Shipping Information

UPC-A: 0611698156025
Qty. / Bag: 12
Ocean Pallet: 1620
Land Pallet: 1440
Master Carton: 12

I-40 Nozzle Performance Data

Nozzle	Pressure		Radius	Flow		Precip mm/hr	
	bar	kPa	m	m³/hr	l/min	■	▲
8 (40) Lt. Brown	2.5	250	13.1	1.63	27.2	19	22
	3.0	300	13.4	1.80	30.0	20	23
	3.5	350	13.7	1.94	32.3	21	24
	4.0	400	14.0	2.06	34.4	21	24
	4.5	450	14.0	2.18	36.3	22	26
	5.0	500	14.3	2.29	38.2	22	26
	5.5	550	14.6	2.41	40.2	23	26
10 (41) Lt. Green	3.0	300	14.6	2.20	36.6	21	24
	3.5	350	14.9	2.37	39.4	21	24
	4.0	400	15.2	2.52	42.0	22	25
	4.5	450	15.5	2.67	44.5	22	25
	5.0	500	15.5	2.81	46.8	23	27
	5.5	550	15.8	2.96	49.3	24	27
	6.0	600	16.2	3.08	51.4	24	27
13 (42) Lt. Blue	3.0	300	14.9	2.36	39.4	21	24
	3.5	350	15.2	2.55	42.6	22	25
	4.0	400	15.5	2.73	45.5	23	26
	4.5	450	15.5	2.90	48.3	24	28
	5.0	500	15.8	3.06	51.0	24	28
	5.5	550	16.2	3.23	53.9	25	29
	6.0	600	16.5	3.38	56.3	25	29
15 (43) Grey	3.0	300	16.2	2.93	48.8	22	26
	3.5	350	16.5	3.19	53.2	24	27
	4.0	400	16.8	3.44	57.3	24	28
	4.5	450	17.1	3.67	61.2	25	29
	5.0	500	17.4	3.89	64.9	26	30
	5.5	550	18.0	4.14	68.9	26	30
	6.0	600	18.3	4.34	72.4	26	30
	6.2	650	18.3	4.43	73.8	26	31
23 (44) Dk. Green	3.5	350	18.6	4.48	74.6	26	30
	4.0	400	18.9	4.76	79.4	27	31
	4.5	450	19.2	5.03	83.9	27	32
	5.0	500	19.5	5.29	88.1	28	32
	5.5	550	19.8	5.56	92.7	28	33
	6.0	600	20.1	5.79	96.5	29	33
	6.2	620	20.1	5.89	98.1	29	34
	6.5	650	20.1	6.01	100.2	30	34
	6.9	690	20.4	6.19	103.2	30	34
25 (45) Dk. Blue	3.5	350	19.8	4.98	83.0	25	29
	4.0	400	20.1	5.33	88.7	26	30
	4.5	450	20.4	5.65	94.2	27	31
	5.0	500	20.7	5.96	99.3	28	32
	5.5	550	21.0	6.29	104.9	28	33
	6.0	600	21.0	6.57	109.6	30	34
	6.2	620	21.0	6.69	111.5	30	35
	6.5	650	21.3	6.84	114.1	30	35
	6.9	690	21.3	7.07	117.8	31	36

Notes:
All precipitation rates calculated for 180 degree operation. For the precipitation rate for a 360 degree sprinkler, divide by 2.

I-40 High Speed Nozzle Performance Data

Nozzle	Pressure		Radius	Flow		Precip mm/hr	
	bar	kPa	m	m³/hr	l/min	■	▲
8 (40) Lt. Brown	2.5	250	12.2	1.63	27.2	22	25
	3.0	300	12.5	1.80	30.0	23	27
	3.5	350	12.8	1.94	32.3	24	27
	4.0	400	12.8	2.06	34.4	25	29
	4.5	450	13.1	2.18	36.3	25	29
	5.0	500	13.4	2.29	38.2	25	29
	5.5	550	13.4	2.41	40.2	27	31
10 (41) Lt. Green	3.0	300	13.4	2.20	36.6	24	28
	3.5	350	13.7	2.37	39.4	25	29
	4.0	400	14.0	2.52	42.0	26	30
	4.5	450	14.0	2.67	44.5	27	31
	5.0	500	14.3	2.81	46.8	27	32
	5.5	550	14.6	2.96	49.3	28	32
	6.0	600	14.6	3.08	51.4	29	33
13 (42) Lt. Blue	3.0	300	13.7	2.36	39.4	25	29
	3.5	350	14.0	2.55	42.6	26	30
	4.0	400	14.3	2.73	45.5	27	31
	4.5	450	14.3	2.90	48.3	28	33
	5.0	500	14.6	3.06	51.0	29	33
	5.5	550	14.9	3.23	53.9	29	33
	6.0	600	14.9	3.38	56.3	30	35
15 (43) Grey	3.0	300	15.2	2.93	48.8	25	29
	3.5	350	15.5	3.19	53.2	26	30
	4.0	400	15.8	3.44	57.3	27	32
	4.5	450	15.8	3.67	61.2	29	34
	5.0	500	16.2	3.89	64.9	30	34
	5.5	550	16.5	4.14	68.9	31	35
	6.0	600	16.5	4.34	72.4	32	37
	6.2	620	16.5	4.43	73.8	33	38
23 (44) Dk. Green	3.5	350	16.8	4.48	74.6	32	37
	4.0	400	17.4	4.76	79.4	32	36
	4.5	450	17.7	5.03	83.9	32	37
	5.0	500	17.7	5.29	88.1	34	39
	5.5	550	18.0	5.56	92.7	34	40
	6.0	600	18.3	5.79	96.5	35	40
	6.2	620	18.6	5.89	98.1	34	39
	6.5	650	18.6	6.01	100.2	35	40
	6.9	690	18.6	6.19	103.2	36	41
25 (45) Dk. Blue	3.5	350	17.4	4.98	83.0	33	38
	4.0	400	18.0	5.33	88.7	33	38
	4.5	450	18.3	5.65	94.2	34	39
	5.0	500	18.6	5.96	99.3	34	40
	5.5	550	18.9	6.29	104.9	35	41
	6.0	600	19.2	6.57	109.6	36	41
	6.2	620	19.5	6.69	111.5	35	41
	6.5	650	19.5	6.84	114.1	36	42
	6.9	690	19.5	7.07	117.8	37	43

Notes:
All precipitation rates calculated for 180 degree operation. For the precipitation rate for a 360 degree sprinkler, divide by 2.

I-40 Dual Opposing Nozzle
Performance Data

Nozzle	Pressure		Radius	Flow		Precip mm/hr	
	bar	kPa	m	m³/hr	l/min	■	▲
15 Grey	3.0	300	15.2	2.75	45.8	12	14
	3.5	350	15.8	2.91	48.5	12	13
	4.0	400	16.2	3.06	51.0	12	14
	4.5	450	16.8	3.20	53.3	11	13
	5.0	500	17.1	3.32	55.4	11	13
	5.5	550	17.4	3.46	57.7	11	13
	6.0	600	17.7	3.58	59.6	11	13
	6.2	620	17.7	3.62	60.4	12	13
18 Red	3.0	300	17.4	2.90	48.3	10	11
	3.5	350	17.7	3.15	52.5	10	12
	4.0	400	18.0	3.38	56.4	10	12
	4.5	450	18.0	3.61	60.1	11	13
	5.0	500	18.3	3.82	63.7	11	13
	5.5	550	18.9	4.05	67.5	11	13
	6.0	600	19.2	4.25	70.8	12	13
	6.2	620	19.2	4.33	72.1	12	14
	6.5	650	19.5	4.43	73.9	12	13
20 Dk. Brown	3.5	350	18.3	3.98	66.2	12	14
	4.0	400	18.9	4.26	71.1	12	14
	4.5	450	19.2	4.54	75.6	12	14
	5.0	500	19.5	4.80	80.0	13	15
	5.5	550	20.1	5.08	84.7	13	15
	6.0	600	19.8	5.32	88.7	14	16
	6.2	620	19.8	5.42	90.4	14	16
	6.5	650	20.1	5.55	92.5	14	16
	6.9	690	20.1	5.74	95.7	14	16
23 Dk. Green	3.5	350	18.9	4.23	70.6	12	14
	4.0	400	19.5	4.55	75.8	12	14
	4.5	450	19.8	4.85	80.8	12	14
	5.0	500	20.1	5.14	85.6	13	15
	5.5	550	20.4	5.45	90.8	13	15
	6.0	600	20.7	5.71	95.1	13	15
	6.2	620	20.7	5.82	97.0	14	16
	6.5	650	20.7	5.96	99.4	14	16
	6.9	690	21.0	6.17	102.9	14	16
25 Dk. Blue	3.5	350	19.5	4.60	76.7	12	14
	4.0	400	20.1	4.92	82.1	12	14
	4.5	450	20.4	5.23	87.2	13	14
	5.0	500	20.7	5.52	92.0	13	15
	5.5	550	21.0	5.84	97.3	13	15
	6.0	600	21.3	6.10	101.7	13	15
	6.2	620	21.3	6.22	103.6	14	16
	6.5	650	21.3	6.36	106.0	14	16
	6.9	690	21.6	6.57	109.5	14	16
28 Black	3.5	350	19.8	5.73	95.5	15	17
	4.0	400	20.4	6.07	101.1	15	17
	4.5	450	21.0	6.38	106.4	14	17
	5.0	500	21.3	6.68	111.3	15	17
	5.5	550	21.9	7.00	116.7	15	17
	6.0	600	22.3	7.27	121.1	15	17
	6.2	620	22.3	7.38	122.9	15	17
	6.5	650	22.6	7.52	125.3	15	17
	6.9	690	23.2	7.73	128.8	14	17

Note:
All precipitation rates calculated for 360 degree operation.

I-40 High-Speed Dual Opposing Nozzle
Performance Data

Nozzle	Pressure		Radius	Flow		Precip mm/hr	
	bar	kPa	m	m³/hr	l/min	■	▲
15 Grey	3.0	300	13.7	2.75	45.8	15	17
	3.5	350	14.0	2.91	48.5	15	17
	4.0	400	14.3	3.06	51.0	15	17
	4.5	450	14.6	3.20	53.3	15	17
	5.0	500	14.9	3.32	55.4	15	17
	5.5	550	15.2	3.46	57.7	15	17
18 Red	3.0	300	14.6	2.90	48.3	14	16
	3.5	350	14.9	3.15	52.5	14	16
	4.0	400	15.2	3.38	56.4	15	17
	4.5	450	15.4	3.61	60.1	15	18
	5.0	500	15.6	3.82	63.7	16	18
	5.5	550	15.8	4.05	67.5	16	19
20 Dk. Brown	4.0	400	15.8	4.27	71.1	17	20
	4.5	450	16.0	4.54	75.6	18	20
	5.0	500	16.2	4.80	80.0	18	21
	5.5	550	16.4	5.08	84.7	19	22
	6.0	600	16.6	5.32	88.7	19	22
	6.5	650	16.9	5.55	92.5	19	22
23 Dk. Green	4.0	400	16.5	4.55	75.8	17	19
	4.5	450	16.7	4.85	80.8	17	20
	5.0	500	16.9	5.14	85.6	18	21
	5.5	550	17.1	5.45	90.8	19	22
	6.0	600	17.3	5.71	95.1	19	22
	6.5	650	17.6	5.96	99.4	19	22
25 Dk. Blue	4.0	400	16.8	4.93	82.1	18	20
	4.5	450	17.0	5.23	87.2	18	21
	5.0	500	17.2	5.52	92.0	19	22
	5.5	550	17.4	5.84	97.3	19	22
	6.0	600	17.6	6.10	101.7	20	23
	6.5	650	17.9	6.36	106.0	20	23
28 Black	4.5	450	17.5	6.38	106.4	21	24
	5.0	500	17.7	6.68	111.3	21	25
	5.5	550	18.0	7.00	116.7	22	25
	6.0	600	18.1	7.27	121.1	22	26
	6.5	650	18.4	7.52	125.3	22	26
	7.0	696	18.7	7.76	129.4	22	26

Note:
All precipitation rates are calculated for 180° operation.
For the precipitation rate of a 360° sprinkler, divide by 2.

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