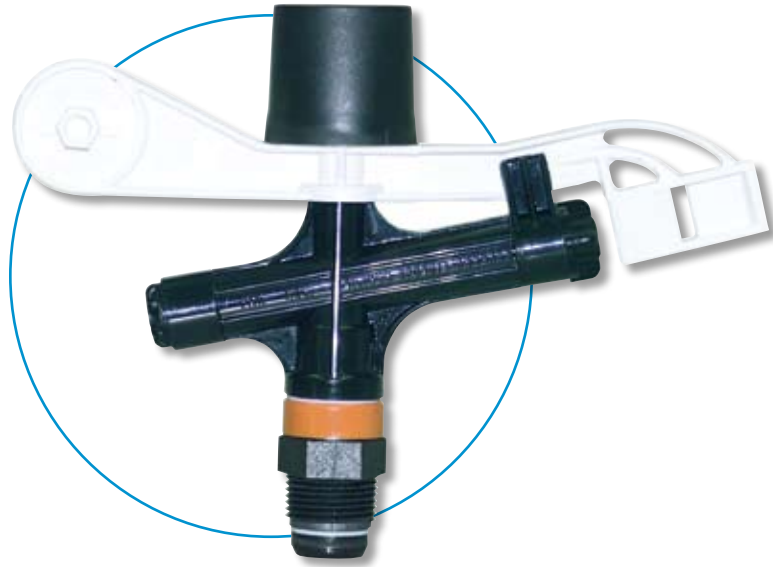


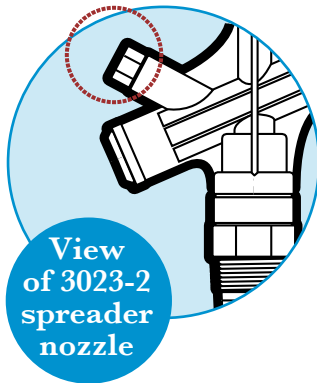
# 30series [Impacts]



The 30 Series begins Senninger's line of full-circle 3/4" impact sprinklers. Designed specifically for lower flows and maximum efficiency.

## FEATURES:

- Single and double nozzle designs available. Double nozzle only available in 23° model.
- Two trajectories available:  
3012- 12° ideal for undertree irrigation  
3023- 23° for maximum throw on overhead systems
- Wide range of nozzle and vane combinations for excellent distribution at all pressures
- Built-in hex wrench for easy in-the-field maintenance
- Standard lower bearing pipe thread:  
3/4" M NPT (female also available)
- Flow rates: 1.84 to 6.42 gpm [418 to 1458 L/hr]
- Two-year warranty on materials, workmanship AND performance
- Color-coded nozzles for easy size identification; warranted to maintain correct orifice size for five years



Senninger impacts provide uniform water distribution and excellent reliability.



## 3012-1

Sprinkler Base Pressure [psi]	30	35	40	45	50	[bar]	2.07	2.41	2.76	3.10	3.45
<b>#7 Nozzle - Lime [7/64"]</b>						<b>#7 Nozzle - Lime [2.78mm]</b>					
Flow [gpm]	1.84	1.99	2.12	2.25	2.37	Flow [L/hr]	418	452	482	511	538
Diam. at 1.5' ht. [ft.]	71	74	77	80	82	Diam. at 0.46m ht. [m]	21.7	22.6	23.5	24.4	25.0
<b>#8 Nozzle - Lavender [1/8"]</b>						<b>#8 Nozzle - Lavender [3.18mm]</b>					
Flow [gpm]	2.42	2.62	2.79	2.97	3.12	Flow [L/hr]	550	595	634	675	709
Diam. at 1.5' ht. [ft.]	73	76	79	82	84	Diam. at 0.46m ht. [m]	22.3	23.2	24.1	25.0	25.6
<b>#9 Nozzle - Grey [9/64"]</b>						<b>#9 Nozzle - Grey [3.57mm]</b>					
Flow [gpm]	3.08	3.33	3.56	3.78	3.98	Flow [L/hr]	700	756	809	859	904
Diam. at 1.5' ht. [ft.]	75	78	81	84	86	Diam. at 0.46m ht. [m]	22.9	23.8	24.7	25.6	26.2
<b>#10 Nozzle - Turquoise [5/32"]</b>						<b>#10 Nozzle - Turquoise [3.97mm]</b>					
Flow [gpm]	3.82	4.13	4.41	4.68	4.93	Flow [L/hr]	868	938	1002	1063	1120
Diam. at 1.5' ht. [ft.]	76	79	82	85	87	Diam. at 0.46m ht. [m]	23.2	24.1	25.0	25.9	26.5

Sprinkler performance may vary with actual field conditions. Diameters shown are for standard straight bore nozzles and stream straightening vanes. Other nozzles and/or vane combinations are available; Consult factory for specific performance data. Stream heights range from rom 2.5-4.5 ft. [0.8-1.4 m] above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft. [0.46 m].

## 3023-1

Sprinkler Base Pressure [psi]						[bar]					
	30	35	40	45	50	2.07	2.41	2.76	3.10	3.45	
<b>#7 Nozzle - Lime [7/64"]</b>						<b>#7 Nozzle - Lime [2.78mm]</b>					
Flow [gpm]	1.84	1.99	2.12	2.25	2.37	Flow [L/hr]	418	452	482	511	538
Diam. at 1.5' ht. [ft.]	80	82	84	86	87	Diam. at 0.46m ht. [m]	24.4	25.0	25.6	26.2	26.5
Diam. at 6.0' ht. [ft.]	83	84	85	86	88	Diam. at 1.83m ht. [m]	25.3	25.6	25.9	26.2	26.8
<b>#8 Nozzle - Lavender [1/8"]</b>						<b>#8 Nozzle - Lavender [3.18mm]</b>					
Flow [gpm]	2.42	2.62	2.79	2.97	3.12	Flow [L/hr]	550	595	634	675	709
Diam. at 1.5' ht. [ft.]	83	85	86	87	88	Diam. at 0.46m ht. [m]	25.3	25.9	26.2	26.5	26.8
Diam. at 6.0' ht. [ft.]	86	87	88	89	90	Diam. at 1.83m ht. [m]	26.2	26.5	26.8	27.1	27.4
<b>#9 Nozzle - Grey [9/64"]</b>						<b>#9 Nozzle - Grey [3.57mm]</b>					
Flow [gpm]	3.08	3.33	3.56	3.78	3.98	Flow [L/hr]	700	756	809	859	904
Diam. at 1.5' ht. [ft.]	85	87	88	90	91	Diam. at 0.46m ht. [m]	25.9	26.5	26.8	27.4	27.7
Diam. at 6.0' ht. [ft.]	87	89	90	91	92	Diam. at 1.83m ht. [m]	26.5	27.1	27.4	27.7	28.0
<b>#10 Nozzle - Turquoise [5/32"]</b>						<b>#10 Nozzle - Turquoise [3.97mm]</b>					
Flow [gpm]	3.82	4.13	4.41	4.68	4.93	Flow [L/hr]	868	938	1002	1063	1120
Diam. at 1.5' ht. [ft.]	87	89	90	91	92	Diam. at 0.46m ht. [m]	26.5	27.1	27.4	27.7	28.0
Diam. at 6.0' ht. [ft.]	88	90	92	93	94	Diam. at 1.83m ht. [m]	26.8	27.4	28.0	28.3	28.7

## 3023-2

Sprinkler Base Pressure [psi]						[bar]					
	30	35	40	45	50	2.07	2.41	2.76	3.10	3.45	
<b>7x4 #7 Range Noz.-Lime [7/64"] x #4 Spreader Noz. [1/16"]</b>						<b>7x4 #7 Range Noz.-Lime [2.78mm] x #4 Spreader Noz. [1.59mm]</b>					
Flow [gpm]	3.01	3.25	3.48	3.69	3.89	Flow [L/hr]	684	738	790	838	884
Diam. at 1.5' ht. [ft.]	80	82	84	86	87	Diam. at 0.46m ht. [m]	24.4	25.0	25.6	26.2	26.5
Diam. at 6.0' ht. [ft.]	83	84	85	86	88	Diam. at 1.83m ht. [m]	25.3	25.6	25.9	26.2	26.8
<b>8x5 #8 Range Noz.-Lavender [1/8"] x #6 Spreader Noz. [5/64"]</b>						<b>8x5 #8 Range Noz.-Lavender [3.18mm] x #5 Spreader Noz. [1.98mm]</b>					
Flow [gpm]	3.58	3.86	4.13	4.38	4.62	Flow [L/hr]	813	877	938	995	1049
Diam. at 1.5' ht. [ft.]	83	85	86	87	88	Diam. at 0.46m ht. [m]	25.3	25.9	26.2	26.5	26.8
Diam. at 6.0' ht. [ft.]	86	87	88	89	90	Diam. at 1.83m ht. [m]	26.2	26.5	26.8	27.1	27.4
<b>8x6 #8 Range Noz.-Lavender [1/8"] x #6 Spreader Noz. [3/32"]</b>						<b>8x6 #8 Range Noz.-Lavender [3.18mm] x #6 Spreader Noz. [2.38mm]</b>					
Flow [gpm]	3.84	4.14	4.43	4.70	4.95	Flow [L/hr]	872	940	1006	1067	1124
Diam. at 1.5' ht. [ft.]	83	85	86	87	88	Diam. at 0.46m ht. [m]	25.3	25.9	26.2	26.5	26.8
Diam. at 6.0' ht. [ft.]	86	87	88	89	90	Diam. at 1.83m ht. [m]	26.2	26.5	26.8	27.1	27.4
<b>9x5 #9 Range Noz.-Grey [9/64"] x #5 Spreader Noz. [5/64"]</b>						<b>9x5 #9 Range Noz.-Grey [3.57mm] x #5 Spreader Noz. [1.98mm]</b>					
Flow [gpm]	4.16	4.50	4.81	5.10	5.38	Flow [L/hr]	945	1022	1092	1158	1222
Diam. at 1.5' ht. [ft.]	85	87	88	90	91	Diam. at 0.46m ht. [m]	25.9	26.5	26.8	27.4	27.7
Diam. at 6.0' ht. [ft.]	87	89	90	91	92	Diam. at 1.83m ht. [m]	26.5	27.1	27.4	27.7	28.0
<b>9x6 #9 Range Noz.-Grey [9/64"] x #6 Spreader Noz. [3/32"]</b>						<b>9x6 #9 Range Noz.-Grey [3.57mm] x #6 Spreader Noz. [2.38mm]</b>					
Flow [gpm]	4.41	4.77	5.10	5.41	5.70	Flow [L/hr]	1002	1083	1158	1229	1295
Diam. at 1.5' ht. [ft.]	85	87	88	90	91	Diam. at 0.46m ht. [m]	25.9	26.5	26.8	27.4	27.7
Diam. at 6.0' ht. [ft.]	87	89	90	91	92	Diam. at 1.83m ht. [m]	26.5	27.1	27.4	27.7	28.0
<b>10x5 #10 Range Noz.-Turquoise [5/32"] x #5 Spreader Noz. [5/64"]</b>						<b>10x5 #10 Range Noz.-Turquoise [3.97mm] x #5 Spreader Noz. [1.98mm]</b>					
Flow [gpm]	4.97	5.37	5.74	6.09	6.42	Flow [L/hr]	1129	1220	1304	1383	1458
Diam. at 1.5' ht. [ft.]	87	89	90	91	92	Diam. at 0.46m ht. [m]	26.5	27.1	27.4	27.7	28.0
Diam. at 6.0' ht. [ft.]	88	90	92	93	94	Diam. at 1.83m ht. [m]	26.8	27.4	28.0	28.3	28.7

Sprinkler performance may vary with actual field conditions. Stream heights range from 6.0ft.-7.5ft. (1.8-2.3m) above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft. [0.46 m]