

S3000**SPINNER**

water application solutions for center pivot irrigation

SINGLE STRUT
NOW STANDARD!

Patented **Single-Strut Inlet Seat** improves plug resistance over other brands. Now standard in Nelson Universal Flo and Hi Flo Pressure Regulators.



Square Thread
for quick change



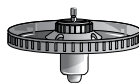
3TN Nozzle



Spinner Body



Spinner Plate



Spinner Cap Assembly (Gray)

IMPORTANT! If your system is designed with Nelson sprinklers, use Nelson Pressure Regulators. Individual manufacturers' pressure regulator performance varies. Interchanging could result in inaccurate nozzle selection.

NELSON'S S3000 SPINNER PIVOT SPRINKLER

Developed as a variation of the original Nelson Pivot Rotator®, the Spinner has proven to be a popular sprinkler choice for use on sensitive crops and soils that do well under a more gentle application of water. The S3000 uses the spinning action of the rotor plate to produce a desirable canopy of droplets.

FEATURES & BENEFITS:

SUPERIOR UNIFORMITY AT LOW PRESSURE. A low pressure alternative to fixed sprayheads, the S3000 provides higher uniformity with better overlap and lower application rates.

“LOW ENERGY DOWN IN THE CROP.” The crop-guarded body design provides protection for operation down in tall growing crops. The spinning action of the rotor plate creates consistent droplets that penetrate the canopy.

NO SPECIAL MOUNTING ASSEMBLY REQUIRED because the S3000 Spinner operates without vibration. Retrofit on rigid, semi-rigid, or flexible drop hose assemblies.

COLOR-CODED NOZZLES. The 3TN Nozzle system is at the center of the 3000 Series Pivot Product line with easy-to-identify, wear-resistant, precision-accurate nozzles. The quick-change adapter allows you to remove the Spinner for easy cleaning of a plugged nozzle — without tools and without shutting down the system. It's a snap to change nozzles in mid-season.

VERSATILE MODULAR DESIGN. Because no one sprinkler is right for all conditions, the 3000 Series features modular design components which are easily changed with a simple push and turn. You may want to start out the season with one configuration and change to a different one later.

SAVE WATER, SAVE ENERGY AND
DO A BETTER JOB OF IRRIGATING

> S3000 SPINNER PERFORMANCE*




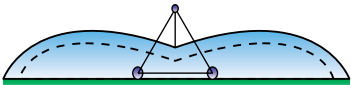

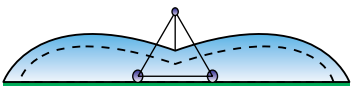

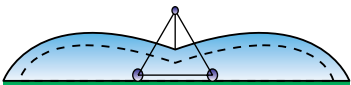

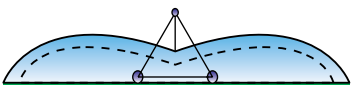
NEW! Protective Shield provides longer wear life and enhanced reliability.

ADVANCED DESIGN. The plates of the S3000 Spinner are specifically engineered for high performance.

- Speed Control
- Uniformity built-in
- Droplet control solutions:

Gentle — for sensitive crops and soils

Windfighting — for maximum irrigation efficiency

SPRINKLER & PLATE TYPE	DESCRIPTION	PRESSURE RANGE**	3TN NOZZLE RANGE		THROW DIAMETER DATA*** (NO-WIND TESTS)
			MINIMUM	MAXIMUM	
 D6-12° RED PLATE	FOR DROP TUBE APPLICATIONS Lowest trajectory; gentle rainlike droplets.	10-20 PSI .7-1.4 BAR	#14 @ 15 PSI (1.0 BAR) #18 for lower pressures	#50	Coverage @ 15 psi (1.0 BAR) #36 Nozzle  Mounting Ht. Throw Diameter 6 ft. (1.8 M) ——— 44 ft. (13.4 M) 3 ft. (.9 M) - - - - 42 ft. (12.8 M)
 D6-20° PURPLE PLATE	FOR DROP TUBE APPLICATIONS All around performer; high uniformity, and gentle, rainlike droplets.	10-20 PSI .7-1.4 BAR	#14 @ 15 PSI (1.0 BAR) #16 for lower pressures	#50	Coverage @ 15 psi (1.0 BAR) #36 Nozzle  Mounting Ht. Throw Diameter 6 ft. (1.8 M) ——— 54 ft. (16.5 M) 3 ft. (.9 M) - - - - 48 ft. (14.6 M)
 NEW! D8 YELLOW PLATE	FOR DROP TUBE APPLICATIONS Multi-trajectory plate for maximum wind-fighting ability and even water distribution.	10-20 PSI .7-1.4 BAR	#14 @ 15 PSI (1.0 BAR) #16 for lower pressures	#50	Coverage @ 15 psi (1.0 BAR) #36 Nozzle  Mounting Ht. Throw Diameter 6 ft. (1.8 M) ——— 50 ft. (15.2 M) 3 ft. (.9 M) - - - - 44 ft. (13.4 M)
 NEW! BEIGE PLATE	FOR DROP TUBE APPLICATIONS Specialty plate for use with small nozzles near the pivot point to prevent over-watering. The beige plate should be used on flexible drops, or those with at least 1ft. (.3 m) of hose. The smaller nozzles will be more susceptible to plugging.	10-15 PSI .7-1.0 BAR	#10 @ 10 PSI (.7 BAR)	#15	Coverage @ 15 psi (1.0 BAR) #12 Nozzle  Mounting Ht. Throw Diameter 6 ft. (1.8 M) ——— 38 ft. (11.6 M) 3 ft. (.9 M) - - - - 34 ft. (10.4 M)

* Careful selection of pressure and sprinkler configuration must be taken into account to optimize droplet size. ** Pressure limits may exist on minimum and maximum nozzle sizes. *** Throw Distance Varies with Pressure, Nozzle Size, Mounting Height and Hydraulic Conditions.

WARRANTY AND DISCLAIMER: Nelson S3000 Spinners are warranted for one year from date of original sale to be free of defective materials and workmanship when used within the working specifications for which the products were designed and under normal use and service. The manufacturer assumes no responsibility for installation, removal or unauthorized repair of defective parts. The manufacturer's liability under this warranty is limited solely to replacement or repair of defective parts and the manufacturer will not be liable for any crop or other consequential damages resulting from defects or breach of warranty. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES AND OF ALL OTHER OBLIGATIONS OR LIABILITIES OF MANUFACTURER. No agent, employee or representative of the manufacturer has authority to waive, alter or add to the provisions of this warranty, nor to make any representations or warranty not contained herein.

This product may be covered by one or more of the following U.S. Patent Nos. 4796811, RE33823, DES312865, 5415348, 5409168 and other U.S. Patents pending or corresponding issued or pending foreign patents.



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