



Butterfly Sprinkler Products Inc.

5329 Riding Club Road
Nelson, BC, Canada V1L 6N2
Email: info@butterflysp.com
Phone No. (250) 352-2888

Butterfly Sprinkler not sprinkling?

Although rare, we have seen instances when the spinner part doesn't rotate properly!

Usually due to one of these causes:

- Insufficient water pressure – operate at too low of flow; or too many sprinklers on a single line. See water pressure discussion below.
- Dirt/sand/rust grit in top bearing - try blowing compressed air or water jet through small opening in roll pin at top of sprinkler to flush out. **DO NOT LUBRICATE WITH ANYTHING BUT WATER!**
- Bent/damaged frame - either a) damaged in handling; b) using the wings to more than hand tighten when attaching to a sprinkler base; or c) falling over with long/heavy base. If frame is bent, it can be straightened ...but can be a bit of a trial and error challenge.
- Bearing worn out – after many years, sprinkler has finally reached the end of its life.

A quick test to confirm problem is with the sprinkler and not low water pressure:

- With water off, hold sprinkler top towards ground at 45 degree angle. The spinner (i.e. rotating piece) should move freely with opening facing down towards the ground.
- Rotate sprinkler frame along its center axis. The spinner should move freely and the opening always remain facing downward.
- If there is any friction causing spinner to rotate with the frame, either the bearing has grit, sprinkler is damaged, or sprinkler has reached end of its life.



How much water pressure is necessary?

Our claim is that the Butterfly Sprinkler head will operate reliably at pressures below 10 PSI. Even with age and normal wear you can expect reliability as low as 4 PSI². To relate, 4 PSI creates a consistent 8 ft. radius¹ spray pattern.

Our shop testing criteria is rotation at 2 PSI², approx. 5 ft. radius¹.



¹Sprinkler tests are performed at 1 ft. off the ground.

²Pressures are measured at the sprinkler, not at the source.

Our Warranty Policy

Guaranteed for Life.

Butterfly Sprinkler Products takes pride in supplying products designed for a long usable* life. If a defect* prevents your purchase from functioning as intended, please return the item to us, or email a photo/video clip demonstrating the defect. We will repair or provide a replacement (shipping charged at cost).**

* Wear of rotating parts is a normal effect of usage. Extended operation of sprinkler head at high water pressures (>50 PSI) will reduce the usable life.

** Please remove sprinkler head from base to reduce shipping cost.