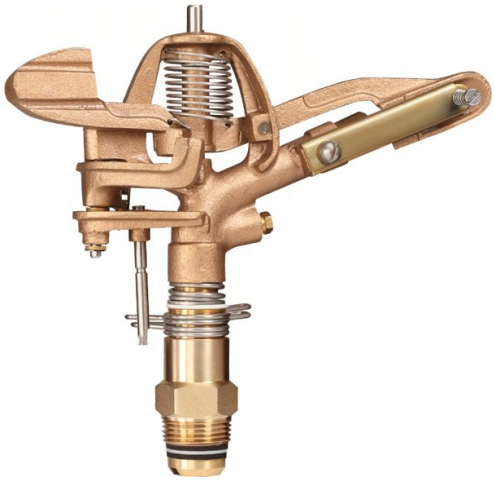
PRODUCT SPECIFICATION SHEET | **SKU RK-45**

# RK-45 Brass Impact Sprinkler – 1" MNPT Part Circle 23° with Diffuser Screw



The RK-45 combines the high-flow capacity of the 1" impact family with part-circle arc adjustment and a diffuser screw — giving large-system designers full control over both coverage angle and throw distance at field boundaries. Flow of 13.5–29 GPM and a radius of 50–69 ft cover substantial areas while the part-circle setting prevents water waste beyond the irrigated zone.

## SPECIFICATIONS

| | |
|---|---|
| Connection | **1" MNPT** |
| Coverage Pattern | **Part Circle** |
| Trajectory | **23°** |
| Nozzles | **9/32" x 1/8"** |
| Flow Range | **13.5–29 GPM** |
| Radius | **50–69 ft** |
| Pressure Range | **35–70 PSI** |
| Diffuser Screw | **Yes** |
| Body / Arm | **Bronze** |
| Nut / Tube | **Brass** |
| Spring / Pin | **Stainless Steel** |
| Drive | **Spring Arm Impact** |

## FEATURES

- Adjustable part-circle arc — limits coverage to the irrigated zone at field edges, roadsides, and around structures.
- Diffuser screw — reduces throw radius on-site without nozzle changes for fine-tuned edge coverage.
- High flow capacity (13.5–29 GPM) — matched to large 1" laterals with minimal pressure loss.
- 50–69 ft radius — wide coverage per riser in part-circle mode, minimizing head count for large boundary rows.
- Bronze body and arm — corrosion-resistant for demanding continuous-run service.
- Brass nut and tube — precise nozzle alignment for consistent distribution uniformity.
- Stainless steel spring and pin — reliable impact drive for low-maintenance field operation.