



1" - 300 Series - Full Circle - Brass Impact Sprinklers

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Designed for agricultural use in crop irrigation on solid sets, side rolls and hose reel systems. The model 300S, 300SX and 350S impact sprinkler can also be used in the mining, logging and waste water treatment industries.

300SA & 350SA Series

Features and Benefits:

- Solid brass construction.
- Stainless steel drive spring.
- "Sure Seal®" sand load bearing assembly.
- Bearing assembly hood for longer wear life (models 300S and 300SX only).
- Chemical resistant bearing seals.
- Adjustable diffuser pin.
- Opposing nozzles or nozzles on same side.
- Vane stream straightener on "X" models
- 1" male inlet, National Pipe thread (NPT).
- Optional, British Standard Thread (BS).
- Solid brass nozzle.
- Drive side nozzle 1/4" National Pipe Thread (300S only).
- Range side nozzle 3/8" National Fine Thread (Range side 350S only).

Specifications:

- 1" male inlet, National Pipe Thread (NPT).
- Solid brass nozzle.
- Drive side nozzle 1/4" National Pipe Thread (300S only).
- Range side nozzle 3/8" National Fine Thread (Range side 350S only).
- Nozzle thread 5/8" National Fine Thread (Range side 300S only) (Drive side 350S)

Operating Ranges:

	U.S.	Metric
Pressure:	40 - 80 psi	2.76 - 5.52 bar
Flow:	14.61 - 46.59 gpm	55.3 - 176.96 l/min
Spacing:	47 - 80 feet	14.33 - 24.38 m
Trajectory:	23°	

To Specify:

300SA	12 / 06	
Model	Range Nozzle	Nozzle Code

NOZZLE CODE

Code	Inches	mm
08	1/8"	3.20
12	3/16"	4.80
14	7/32"	5.60
16	1/4"	6.40
18	9/32"	7.10
20	5/16"	7.90
22	11/32"	8.30
24	3/8"	8.50
PG	Plug	Available on 350 Series

only).

MODEL DESCRIPTIONS	
300SA	Opposing nozzles
300SAX	Includes stream straightening vane
350SA	Nozzles on same side and plug available on inner nozzle
OPTIONS:	For BSPT inlet, add (BS) to model number