

ST-1200BR

Radius: **67' to 115'**
Flow: **27.0 to 131.0 GPM**

The cost-effective ST-1200BR is the ideal riser-mount solution for pastures, corrals, arenas, dust control, and wash-down watering.

KEY BENEFITS

- Nozzle choices: 5 (included)
- Standard nozzle: #12
- Nozzle range: #10 to #18
- Nozzle trajectory: 22.5°
- Isolated, grease-lubricated gear drive
- Nozzle barrels: short and long (included)
- Movable stops (left and right) arc adjustment
- Arc setting: 40° to non-reversing 360°
- Ratcheting nozzle turret

OPERATING SPECIFICATIONS

- Radius: 67' to 115'
- Flow: 27.0 to 131.0 GPM



ST-1200BR

Overall height: 12"
Overall length: 12"
Overall width: 3¾"
Inlet size: 1½" NPT

Included
Short and long barrels

ST-1200BR NOZZLE PERFORMANCE DATA

| Nozzle | Pressure PSI | Radius ft. | Flow GPM | Precip in/hr | |
|---------------|-----------------|---------------|-------------|--------------|------|
| | | | | ■ | ▲ |
| 10 ● Black | 30 | 67 | 27.0 | 1.16 | 1.34 |
| | 45 | 75 | 32.8 | 1.12 | 1.30 |
| | 60 | 85 | 38.1 | 1.02 | 1.17 |
| | 75 | 90 | 43.5 | 1.03 | 1.19 |
| 12 ● Black | 30 | 68 | 33.6 | 1.40 | 1.62 |
| | 45 | 78 | 41.2 | 1.30 | 1.51 |
| | 60 | 88 | 47.6 | 1.18 | 1.37 |
| | 75 | 98 | 53.1 | 1.06 | 1.23 |
| 14 ● Black | 30 | 70 | 45.7 | 1.80 | 2.07 |
| | 45 | 86 | 56.0 | 1.46 | 1.68 |
| | 60 | 100 | 64.7 | 1.25 | 1.44 |
| | 75 | 110 | 72.5 | 1.15 | 1.33 |
| 16 ● Black | 30 | 72 | 59.5 | 2.21 | 2.55 |
| | 45 | 93 | 73.0 | 1.62 | 1.88 |
| | 60 | 103 | 84.3 | 1.53 | 1.77 |
| | 75 | 116 | 80.9 | 1.16 | 1.34 |
| 18 ● Black | 30 | 95 | 92.5 | 1.97 | 2.28 |
| | 45 | 104 | 107.0 | 1.90 | 2.20 |
| | 60 | 111 | 119.5 | 1.87 | 2.16 |
| | 75 | 115 | 131.0 | 1.91 | 2.20 |

HIGH-FLOW SWING JOINTS

These durable swing joints are easy to position and ensure correct rotor installation height.

KEY BENEFITS

- Heavy-duty, high-flow swing joints with O-ring seals
- HSJ-4 for high-flow I-90 and ST-90 rotors with 1½" inlets
- HSJ-5 for high-flow ST-1600B rotor with 2" inlet
- Available in popular inlet and outlet configurations

High-Flow Swing Joints

HSJ-4 = Model 2"
HSJ-5 = Model 3"



HSJ HIGH-FLOW SWING JOINT - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

| 1 Model | 2 Inlet Type (from pipe fitting) | 3 Outlet Type (to sprinkler inlet) | 4 Outlet Style | 5 Lay Length |
|-----------------------------------|---|------------------------------------|--------------------|------------------|
| HSJ-4 = 2" heavy-duty swing joint | 3 = 2" male NPT, horizontal side connection | 7 = 1½" male NPT | 2 = Single top-out | 12 = 12" lay arm |
| HSJ-5 = 3" heavy-duty swing joint | 3 = 3" male NPT, horizontal side connection | 8 = 2" male NPT | 2 = Single top-out | 12 = 12" lay arm |

Examples:

HSJ-4-37-212 = HSJ 2" heavy-duty swing joint, 2" male NPT horizontal side connection to piping, 1½" male NPT outlet to sprinkler, single top-out, and 12" lay arm
HSJ-5-38-212 = HSJ 3" heavy-duty swing joint, 3" male NPT horizontal side connection to piping, 2" male NPT outlet to sprinkler, single top-out, and 12" lay arm