

ST-1200BR

Radius: **20.4 to 35.1 m**
Flow: **6.13 to 29.76 m³/hr; 102.1 to 495.9 l/min**

The cost-effective ST-1200BR is the ideal riser-mounted 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: 20.4 m to 35.1 m
- Flow: 6.13 to 29.76 m³/hr; 102.1 to 495.9 l/min
- Recommended pressure range: 2.0 to 6.0 bar; 200 to 600 kPa



ST-1200BR

Overall height: 30 cm
Overall length: 30 cm
Overall width: 10 cm
Inlet size: 1½" (40 mm) BSP

Included
Short and long barrels

ST-1200BR NOZZLE PERFORMANCE DATA

Nozzle	Pressure		Radius m	Flow		Precip in/hr	
	Bar	kPa		m ³ /hr	l/min	■	▲
10 ● Black	2.0	200	20.4	6.13	102.2	29.4	34.0
	3.0	300	22.9	7.45	124.2	28.5	32.9
	4.0	400	25.9	8.65	144.2	25.8	29.8
	5.0	500	27.4	9.88	164.7	26.3	30.3
12 ● Black	2.0	200	20.7	7.63	127.2	35.5	41.0
	3.0	300	23.8	9.36	156.0	33.1	38.2
	4.0	400	26.8	10.81	180.2	30.1	34.7
	5.0	500	29.9	12.06	201.0	27.0	31.2
14 ● Black	2.0	200	21.3	10.38	173.0	45.6	52.7
	3.0	300	26.2	12.72	212.0	37.0	42.8
	4.0	400	30.5	14.70	244.9	31.6	36.5
	5.0	500	33.5	16.47	274.4	29.3	33.8
16 ● Black	2.0	200	21.9	13.52	225.2	56.1	64.8
	3.0	300	28.3	16.58	276.3	41.3	47.7
	4.0	400	31.4	19.15	319.1	38.9	44.9
	5.0	500	35.4	18.38	306.2	29.4	33.9
18 ● Black	3.0	300	29.0	21.01	350.1	50.1	57.9
	4.0	400	31.7	24.31	405.0	48.4	55.9
	5.0	500	33.8	27.15	452.4	47.4	54.8
	6.0	600	35.1	29.76	495.9	48.4	55.9

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 50 mm (2") inlets
- HSJ-5 for high-flow ST-1600HSB rotor with 80 mm (3") inlet
- Available in popular inlet and outlet configurations

High-Flow Swing Joints

HSJ-4 = Model 50 mm
HSJ-5 = Model 80 mm



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 = 50 mm heavy-duty swing joint	6 = 2" (50 mm) male BSP, horizontal side connection	D = ½" (40 mm) male BSP	2 = Single top-out	12 = 12" (30 cm) lay arm
HSJ-5 = 80 mm heavy-duty swing joint	6 = 3" (80 mm) male BSP, horizontal side connection	E = 2" (50 mm) male BSP	2 = Single top-out	12 = 12" (30 cm) lay arm

Examples:

HSJ-4-6D-212 = HSJ 50 mm heavy-duty swing joint, 50 mm male BSP horizontal side connection to piping, 40 mm male BSP outlet to sprinkler, single top-out, and 30 cm lay arm

HSJ-5-6E-212 = HSJ 80 mm heavy-duty swing joint, 80 mm male BSP horizontal side connection to piping, 50 mm male BSP outlet to sprinkler, single top-out, and 30 cm lay arm