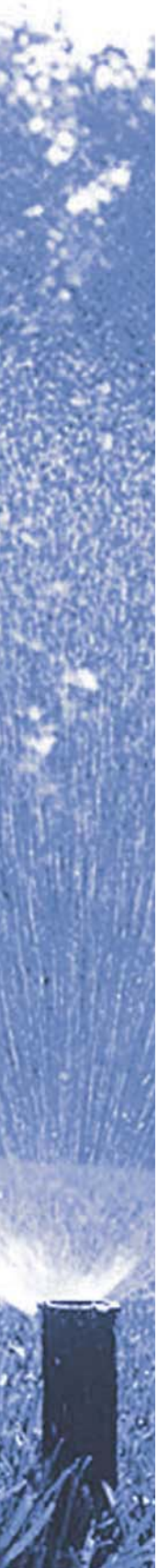
3500 SERIES ROTORS
Short to Mid-range Gear-drive Rotor



APPLICATIONS
The 3500 Series is an easy-to-use short to mid-range 1/2" (15/21) gear-drive rotor, offering value and convenience for residential applications. Utilizing a simple flat bladed screwdriver, the 3500's arc adjustment is quick and easy.

FEATURES
- **Top-adjust arc adjustment requiring only a flat bladed screwdriver**
- Three-year trade warranty
- Water-lubricated gear-drive design for durable, reliable operation
- 40-360° part circle arc rotation and reversing full-circle rotation in one
- **Attached nozzle tree of six Rain Curtain™ nozzles**
- Radius adjustment screw allows up to 35% radius reduction without changing nozzles
- True 4" (10.2cm) pop-up (measured from center of nozzle)
- Quick Check Arc/Fast Forward
- Dual action, positive stop wiper seal protects internals from debris and assures positive pop-up and retraction
- Self-adjusting stator does not require replacement when changing nozzles
- Easily removable filter screen
- **Nozzle removal feature**
- Model with built-in Seal-A-Matic™ (SAM) check valve holds up to 2.1 m of elevation change to prevent puddling and erosion caused by low head drainage
- **Ratcheting Turret designed to avoid stripped gear failures if the rotor is forced past its trip stop points.**

SPECIFICATIONS
Radius: 4.6-10.7 m
Radius with radius reduction screw: down to 2.9 m
Pressure: 1.7-3.8 bar
Flow Rate: 0.12-1.04 m³/h
1/2" (15/21) female bottom threaded inlet
Arc adjustment: 40°-360°

PERFORMANCE

Nozzles	bar	m	m³/h	■ mm/h	▲ mm/h
0,75	1,7	4,6	0,12	12	14
	2,0	4,8	0,13	12	13
	2,5	5,2	0,16	12	13
	3,0	5,2	0,17	13	15
	3,5	5,4	0,19	13	15
	3,8	5,5	0,19	13	15
1,0	1,7	6,1	0,17	9	11
	2,0	6,2	0,19	10	11
	2,5	6,4	0,21	10	12
	3,0	6,4	0,24	12	13
	3,5	6,6	0,26	12	14
	3,8	6,7	0,27	12	14
1,5	1,7	7,0	0,24	10	11
	2,0	7,0	0,26	11	12
	2,5	7,0	0,30	12	14
	3,0	7,3	0,33	12	14
	3,5	7,3	0,36	13	15
	3,8	7,3	0,37	14	16
2,0	1,7	8,2	0,32	9	11
	2,0	8,2	0,34	10	12
	2,5	8,2	0,39	12	13
	3,0	8,2	0,43	13	15
	3,5	8,4	0,47	13	15
	3,8	8,5	0,49	13	15
3,0	1,7	8,8	0,49	13	15
	2,0	9,1	0,53	13	15
	2,5	9,4	0,60	13	16
	3,0	9,4	0,67	15	17
	3,5	9,6	0,71	15	18
	3,8	9,8	0,74	16	18
4,0	1,7	9,4	0,67	15	17
	2,0	9,7	0,73	16	18
	2,5	10,1	0,83	16	19
	3,0	10,6	0,92	16	19
	3,5	10,7	1,00	18	20
	3,8	10,7	1,04	18	21

■ 50%
▲ 50%

DIMENSIONS
Pop-up height: 10.2 cm
Overall body height: 16.8 cm
Exposed surface diameter: 2.9 cm
Note: pop-up height measured from cover to center of nozzle. Overall body height is measured popped down

MODELS
Models are adjustable from 40-360 degrees
3504-PC: Part circle arc rotation and reversing full-circle rotation
3504-PC-SAM: Part circle arc rotation and reversing full-circle rotation with SAM check valve