# TTS-835

*These rotors have Total-Top-Serviceability, powerful G-800 Series gear drives, and the largest flange compartment in the industry to accommodate all two-way module components.*

## KEY BENEFITS

- Full/part-circle (50° to 360°)
- QuickCheck™ arc mechanism
- QuickSet-360 arc mechanism
- Nozzle choices: 8 multi-trajectory (15° to 25°)
- Nozzle range: #2 to #12
- Water-lubricated gear drive
- All TTS-800 VIH advanced features on **page 204**
- All TTS-800 DIH advanced features on **page 206**

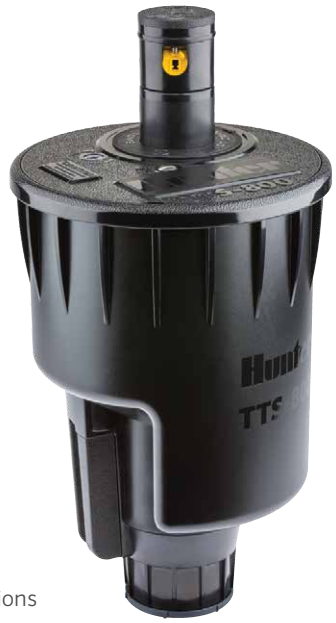
## OPERATING SPECIFICATIONS

- Radius: 5.5 to 15.2 m
- Flow: 0.43 to 2.91 $m^3$/hr; 7.2 to 48.5 l/min
- Pressure range: 2.8 to 4.5 bar; 280 to 450 kPa
- All TTS rotors are pressure-rated at 10 bar; 1,000 kPa

## OPTIONS

- C – Check-O-Matic checks up to 8 m in elevation change and readily converts to normally open hydraulic with through-the-top connections
- D – Decoder valve-in-head with all "E" specifications below*
- DD – Two-station decoder valve-in-head with all "E" specifications below*
- E – Electric valve-in-head with adjustable pressure regulation, on-off-auto selector, 210 mA (370 mA inrush) 50 Hz; 190 mA (350 mA inrush) 60 Hz solenoid with captive plunger and internal downstream bleed

* All DIH rotors include two 3M DBRY-6 splices for connection to the two-wire path. See **page 196** for critical recommendations on grounding DIH rotors.



**TTS-835**
Pop-up height: 8 cm
Overall height: 30 cm
Flange diameter: 18 cm
Female inlet: 1½" (40 mm) Acme

GOLF ROTORS

**TTS-835 – SPECIFICATION BUILDER:** ORDER 1 + 2 + 3 + 4 + 5

| 1 Model | 2 Valve Options | 3 Nozzle | 4 Regulation* | 5 Options |
|---|---|---|---|---|
| **GT-835** = Full/part-circle, 50° to 360° | **C** = Check-O-Matic*<br>**D** = Decoder valve-in-head<br>**E** = Electric valve-in-head<br>**Converts to N.O. hydraulic valve-in-head* | **6** = Installed G-835 nozzle* (includes 8-nozzle rack)<br>**SSU = #6* | **P5** = 50 PSI; 3.4 bar; 340 kPa (nozzles 15 to 18)<br>**P6** = 65 PSI; 4.5 bar; 450 kPa (nozzles 18 to 25)<br>**SSU = P5* | **S** = SSU*<br>**Standard stocking unit* |

**Example:**
**GT-835-6-P5-S** = GT-835 full/part-circle electric valve-in-head, installed #6 nozzle, 50 PSI; 3.4 bar; 340 kPa (nozzles 15 to 18) regulation, standard stocking unit model

## TTS-835 NOZZLE PERFORMANCE DATA*

| Nozzle | Pressure | | Radius | Flow | | Precip mm/hr | |
|---|---|---|---|---|---|---|---|
| | bar | kPa | m | m³/hr | l/min | ■ | ▲ |
| 2 Yellow | 2.8 | 280 | 5.5 | 0.43 | 7.2 | 14.3 | 16.6 |
| | 3.4 | 340 | 6.1 | 0.48 | 7.9 | 12.8 | 14.8 |
| | 4.1 | 410 | 6.7 | 0.55 | 9.1 | 12.1 | 14.0 |
| | 4.5 | 450 | 7.0 | 0.59 | 9.8 | 12.0 | 13.9 |
| 3 Yellow | 2.8 | 280 | 7.0 | 0.68 | 11.4 | 13.9 | 16.0 |
| | 3.4 | 340 | 7.6 | 0.73 | 21.1 | 12.5 | 14.5 |
| | 4.1 | 410 | 8.2 | 0.80 | 13.2 | 11.7 | 13.6 |
| | 4.5 | 450 | 8.5 | 0.82 | 13.6 | 11.2 | 13.0 |
| 4 Yellow | 2.8 | 280 | 7.6 | 0.89 | 14.8 | 15.3 | 17.6 |
| | 3.4 | 340 | 8.5 | 0.93 | 15.5 | 12.8 | 14.8 |
| | 4.1 | 410 | 9.1 | 1.00 | 16.7 | 12.0 | 13.8 |
| | 4.5 | 450 | 9.4 | 1.04 | 17.4 | 11.7 | 13.5 |
| 5 Yellow | 2.8 | 280 | 8.8 | 1.07 | 17.8 | 13.7 | 15.8 |
| | 3.4 | 340 | 9.8 | 1.14 | 18.9 | 11.9 | 13.8 |
| | 4.1 | 410 | 10.1 | 1.20 | 20.1 | 11.9 | 13.7 |
| | 4.5 | 450 | 10.7 | 1.23 | 20.4 | 10.8 | 12.4 |
| 6 Yellow | 2.8 | 280 | 9.8 | 1.36 | 22.7 | 14.3 | 16.5 |
| | 3.4 | 340 | 10.7 | 1.43 | 23.8 | 12.6 | 14.5 |
| | 4.1 | 410 | 11.3 | 1.50 | 25.0 | 11.8 | 13.6 |
| | 4.5 | 450 | 11.9 | 1.54 | 25.7 | 10.9 | 12.6 |
| 8 Yellow | 2.8 | 280 | 11.0 | 1.77 | 29.5 | 14.7 | 17.0 |
| | 3.4 | 340 | 11.9 | 1.82 | 30.3 | 12.9 | 14.8 |
| | 4.1 | 410 | 12.8 | 1.89 | 31.4 | 11.5 | 13.3 |
| | 4.5 | 450 | 13.1 | 1.93 | 32.2 | 11.2 | 13.0 |
| 10 Yellow | 2.8 | 280 | 11.9 | 2.20 | 36.7 | 15.6 | 18.0 |
| | 3.4 | 340 | 13.1 | 2.29 | 38.2 | 13.4 | 15.4 |
| | 4.1 | 410 | 13.7 | 2.34 | 39.0 | 12.4 | 14.4 |
| | 4.5 | 450 | 14.3 | 2.39 | 39.7 | 11.6 | 13.4 |
| 12 Yellow | 2.8 | 280 | 13.4 | 2.73 | 45.4 | 15.2 | 17.5 |
| | 3.4 | 340 | 14.3 | 2.77 | 46.2 | 13.5 | 15.6 |
| | 4.1 | 410 | 14.6 | 2.84 | 47.3 | 13.3 | 15.3 |
| | 4.5 | 450 | 15.2 | 2.91 | 48.5 | 12.5 | 14.5 |

## TTS-835 NOZZLES

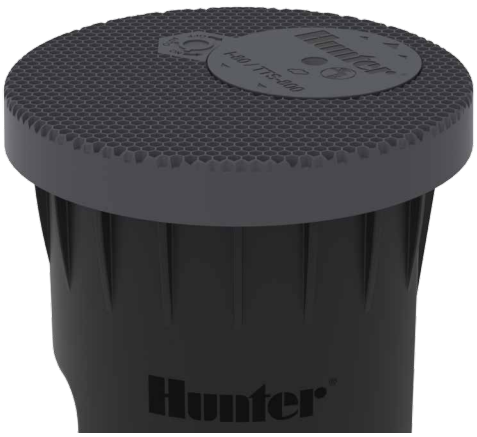






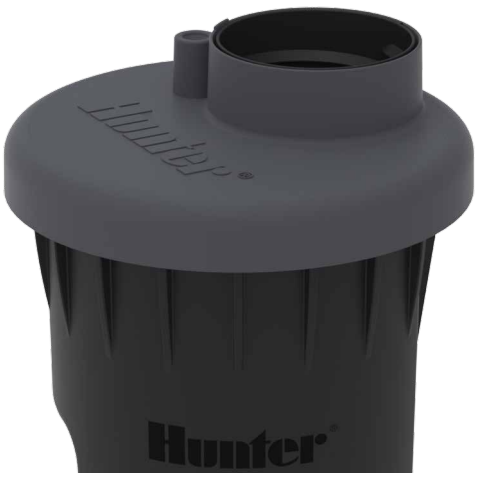
### Optional Yardage Marker Colours

*Extra-large snap-in marker plates are available in standard black as well as optional red, white, and blue to meet every golf course preference. Or, choose the purple plate for identification when courses are using reclaimed water.*




### Low-Bounce Rubber Cover Kit - PN 987200SP

*Reduce the incoming bounce from balls hitting rotors that are surrounding the greens.*




### No-Bounce Turf Cup Kit - PN 987100SP

*Eliminate errant bounces from balls hitting greens surrounding rotors with this subsurface rotor-mounting solution.*