TTS-885

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

- True full-circle/adjustable part-circle (60° to 360°)
- QuickCheck™ arc mechanism
- QuickSet-360 arc mechanism
- Dual-trajectory, colour-coded nozzles:
  - 12 standard trajectory (22.5°)
  - 9 low-angle trajectory (15°)
- Nozzle range: #10 to #53
- Exclusive PressurePort™ nozzle technology
- Contour back-nozzle capabilities
- Ratcheting stainless steel riser
- Water-lubricated gear drive
- Optional high-rotation-speed stator
- All TTS-800 VIH advanced features on **page 204**
- All TTS-800 DIH advanced features on **page 206**



TTS-885
Pop-up height: 9.5 cm
Overall height: 30 cm
Flange diameter: 18 cm
Female inlet: 1½" (40 mm) Acme

OPERATING SPECIFICATIONS

- Radius: 11.3 to 28.7 m
- Flow: 2.02 to 13.54 m^3/hr; 33.7 to 225.6 l/min
- Pressure range: 3.4 to 6.9 bar; 340 to 690 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-885 – SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4 + 5

1 Model	2 Valve Options	3 Nozzle	4 Regulation*	5 Options
GT-885 = Full/part-circle, 60°-360° arc range	**C** = Check-O-Matic*	**10 to 53** = Installed G-885 nozzle*	**P5** = 50 PSI; 3.4 bar; 340 kPa (nozzles 15 to 18)	**S** = SSU*
	D = Decoder valve-in-head		**P6** = 65 PSI; 4.5 bar; 450 kPa (nozzles 18 to 25)	
	DD = Two-station decoder valve-in-head		**P8** = 80 PSI; 5.5 bar; 550 kPa (nozzles 25 to 53)	
	E = Electric valve-in-head			
	**Converts to N.O. hydraulic valve-in-head*	**SSU = #18, #23, #25, or #48*	**SSU = P5/#18, P6/#23, P8/#25, P8/#48*	**Standard stocking unit*

Example:
GT-885-E-48-P8-S = GT-885 full/part-circle electric valve-in-head, installed #48 nozzle, 80 PSI; 5.5 bar; 550 kPa regulation, standard stocking unit model

TTS-885 NOZZLE PERFORMANCE DATA*

Nozzle Set			Pressure		Radius	Flow		Precip mm/hr	
			bar	kPa	m	m³/hr	l/min	■	▲
Orange	Dk. Green		3.4	344	11.3	2.02	33.7	15.9	18.4
			4.1	413	11.9	2.23	37.1	15.8	18.2
803603	10	315312	4.5	450	12.5	2.32	38.6	14.8	17.1
●	Lt. Green	●	-	-	-	-	-	-	-
Orange	White		3.4	344	14.3	2.59	43.2	12.6	14.6
			4.1	413	14.6	2.79	46.6	13.1	15.1
803603	13	315314	4.5	450	14.9	2.93	48.8	13.1	15.2
●	Lt. Blue	●	-	-	-	-	-	-	-
Orange	White		3.4	344	15.9	2.93	48.8	11.7	13.5
			4.1	413	15.9	3.29	54.9	13.1	15.1
			4.5	450	16.2	3.38	56.4	13.0	15.0
803603	15	315314	4.8	482	16.2	3.52	58.7	13.5	15.6
●	White	●	5.5	551	16.5	3.75	62.5	13.8	16.0
Orange	Lt. Green		3.4	344	17.4	3.77	62.8	12.5	14.4
			4.1	413	17.7	4.04	67.4	12.9	14.9
			4.5	450	18.0	4.23	70.4	13.1	15.1
803603	18	315313	4.8	482	18.3	4.41	73.4	13.2	15.2
●	Orange	●	5.5	551	18.6	4.66	77.6	13.5	15.6
Orange	Lt. Green		3.4	344	18.0	4.07	67.8	12.6	14.5
			4.1	413	18.6	4.43	73.8	12.8	14.8
			4.5	450	18.9	4.50	75.0	12.6	14.5
803603	20	315313	4.8	482	19.2	4.68	78.0	12.7	14.7
●	Tan	●	5.5	551	19.5	5.02	83.7	13.2	15.2
Orange	Lt. Green		3.4	344	19.8	4.59	76.5	11.7	13.5
			4.1	413	20.1	5.02	83.7	12.4	14.3
			4.5	450	20.4	5.43	90.5	13.0	15.0
803603	23	315313	4.8	482	20.4	5.50	91.6	13.2	15.2
●	Green	●	5.5	551	21.0	5.88	98.0	13.3	15.4
Red	Green		4.5	450	21.6	6.43	107.1	13.7	15.8
			4.8	482	21.9	6.66	110.9	13.8	16.0
			5.5	551	22.3	7.16	119.2	14.5	16.7
803602	25	315310	6.2	620	22.6	7.59	126.4	14.9	17.2
●	Blue	●	6.9	689	22.9	8.04	134.0	15.4	17.8
Red	Green		4.5	450	21.9	6.95	115.8	14.4	16.7
			4.8	482	22.3	7.18	119.6	14.5	16.7
			5.5	551	22.9	7.70	128.3	14.7	17.0
803602	33	315310	6.2	620	23.5	8.13	135.5	14.8	17.0
●	Grey	●	6.9	689	24.1	8.61	143.5	14.8	17.1
Red	Green		4.5	450	23.2	7.93	132.1	14.8	17.1
			4.8	482	23.8	8.22	137.0	14.5	16.8
			5.5	551	24.4	8.88	148.0	14.9	17.2
803602	38	315310	6.2	620	25.0	9.36	156.0	15.0	17.3
●	Red	●	6.9	689	25.6	9.88	164.7	15.1	17.4
Red	Green		-	-	-	-	-	-	-
			4.8	482	24.7	9.36	156.0	15.4	17.7
			5.5	551	25.3	9.88	164.7	15.4	17.8
803602	43	315310	6.2	620	26.2	10.49	174.9	15.3	17.6
●	Dk. Brown	●	6.9	689	27.1	11.06	184.3	15.0	17.4
Dk. Red	Dk. Green		-	-	-	-	-	-	-
			4.8	482	25.3	10.52	175.3	16.4	19.0
			5.5	551	25.9	10.99	183.2	16.4	18.9
803601	48	315312	6.2	620	27.1	11.74	195.7	16.0	18.4
●	Dk. Green	●	6.9	689	27.7	12.38	206.3	16.1	18.6
Dk. Red	Dk. Green		-	-	-	-	-	-	-
			4.8	482	26.5	11.52	191.9	16.4	18.9
			5.5	551	27.1	12.06	201.0	16.4	18.9
803601	53	315312	6.2	620	28.0	12.81	213.5	16.3	18.8
●	Dk. Blue	●	6.9	689	28.7	13.54	225.6	16.5	19.0

● = Nozzle plug P/N 315300 installed in the back side of the nozzle housing.

* Complies to ASAE standard. All precipitation rates calculated for 360° operation. All triangular rates are equilateral. To calculate precipitation rates for 180° operation, multiply by 2.

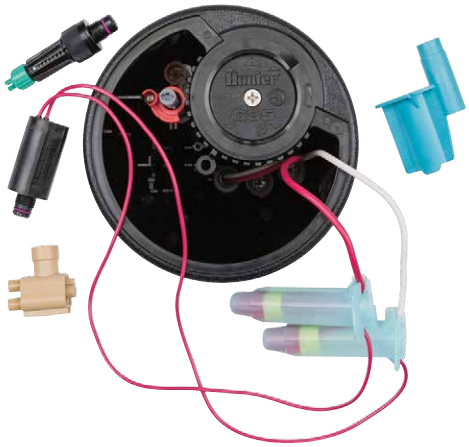
TTS-885 STANDARD NOZZLES



TTS-885 LOW-ANGLE NOZZLES**



** Low-angle nozzles reduce the radius by 15%.



Reduced Downtime

There is no need to depressurise the mainline for solenoid and pressure regulator servicing.



Total-Top-Service Solution

From the originators of TTS technology, Hunter's no-dig TTS-800 rotors provide total-top-servicing of every serviceable component.

GOLF ROTORS

HUNTER GOLF IRRIGATION • METRIC SPECIFICATION SUPPLEMENT

G900 Series (G990 & G995) Long-Range Golf Rotors

Total-Top-Serviceable (TTS) long-range golf and stadium turf rotors with integrated Valve-in-Head (VIH) or Decoder-in-Head (DIH) control.

Model Series	Arc Pattern	Metric Radius	Metric Flow Rate	Operating Pressure
G990E / **G990D** / **G990C**	360° Full-Circle	22.3 – 31.4 m	6.93 – 18.92 m³/h (115 – 315 l/min)	5.5 – 8.3 bar (550 – 830 kPa)
G995E / **G995D** / **G995C**	40° – 360° Adjustable	20.4 – 31.7 m	4.97 – 19.04 m³/h (83 – 317 l/min)	5.5 – 8.3 bar (550 – 830 kPa)

- **Inlet connection:** 1½" (40 mm) ACME female thread (use Hunter HSJ-2 / HSJ-3 Heavy-Duty Swing Joints)
- **Pop-up height:** 8 cm | **Overall height:** 28 cm | **Flange diameter:** 19 cm
- **Control options: E** = Electric Valve-in-Head, **D** = ICD Decoder-in-Head, **C** = Check-O-Matic

