

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: 1/2" (40 mm) Acme

OPERATING SPECIFICATIONS

- Radius: 11.3 to 28.7 m
- Flow: 2.02 to 13.54 m³/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	<p>C = Check-O-Matic*</p> <p>D = Decoder valve-in-head</p> <p>DD = Two-station decoder valve-in-head</p> <p>E = Electric valve-in-head</p> <p>*Converts to N.O. hydraulic valve-in-head</p>	<p>10 to 53 = Installed G-885 nozzle*</p> <p>*SSU = #18, #23, #25, or #48</p>	<p>P5 = 50 PSI; 3.4 bar; 340 kPa (nozzles 15 to 18)</p> <p>P6 = 65 PSI; 4.5 bar; 450 kPa (nozzles 18 to 25)</p> <p>P8 = 80 PSI; 5.5 bar; 550 kPa (nozzles 25 to 53)</p> <p>*SSU = P5/#18, P6/#23, P8/#25, P8/#48</p>	<p>S = SSU*</p> <p>*Standard stocking unit</p>

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	m ³ /hr	l/min	■	▲
Orange	10	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			4.5	450	12.5	2.32	38.6	14.8	17.1
●		Lt. Green		-	-	-	-	-	-
Orange	13	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			4.5	450	14.9	2.93	48.8	13.1	15.2
●		Lt. Blue		-	-	-	-	-	-
Orange	15	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
803603			4.5	450	16.2	3.38	56.4	13.0	15.0
●			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
Orange	18	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
803603			4.5	450	18.0	4.23	70.4	13.1	15.1
●			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
Orange	20	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
803603			4.5	450	18.9	4.50	75.0	12.6	14.5
●			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
Orange	23	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
803603			4.5	450	20.4	5.43	90.5	13.0	15.0
●			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
Red	25	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
803602			5.5	551	22.3	7.16	119.2	14.5	16.7
●			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
Red	33	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
803602			5.5	551	22.9	7.70	128.3	14.7	17.0
●			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
Red	38	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
803602			5.5	551	24.4	8.88	148.0	14.9	17.2
●			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
Red	43	Green	-	-	-	-	-	-	-
			4.8	482	24.7	9.36	156.0	15.4	17.7
803602			5.5	551	25.3	9.88	164.7	15.4	17.8
●			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
Dk. Red	48	Dk. Green	-	-	-	-	-	-	-
			4.8	482	25.3	10.52	175.3	16.4	19.0
803601			5.5	551	25.9	10.99	183.2	16.4	18.9
●			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
Dk. Red	53	Dk. Green	-	-	-	-	-	-	-
			4.8	482	26.5	11.52	191.9	16.4	18.9
803601			5.5	551	27.1	12.06	201.0	16.4	18.9
●			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

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

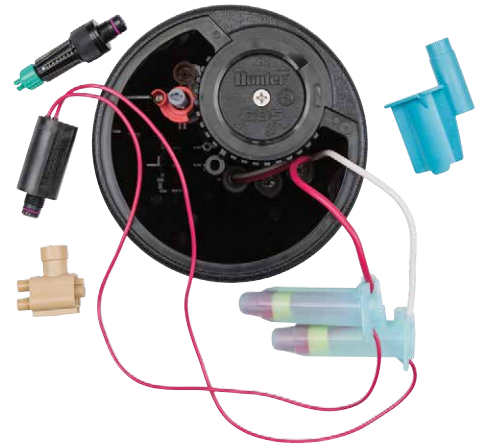
* Complies to ASAE standard. All precipitation rates calculated for 360° operation. All triangular rates are equilateral. To calculate precipitation rates for 180° operation, multiply by 2.

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.