

# G-885

These rotors feature convenient no-dig Total-Top-Serviceability and powerful, high-torque gear drive.

## 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

## OPERATING SPECIFICATIONS

- Radius: 11.3 to 28.7 m
- Flow: 2.02 to 13.54 m<sup>3</sup>/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.



### G-885C

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



### G-885E

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

## G-885 - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4 + 5

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

### Example:

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

### G-885 NOZZLE PERFORMANCE DATA\*

Nozzle Set			Pressure		Radius	Flow		Precip mm/hr		
			bar	kPa	m	m <sup>3</sup> /hr	l/min	■	▲	
Orange 803603 ●	10	Dk. Green 315312	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	
			4.5	450	12.5	2.32	38.6	14.8	17.1	
		Lt. Green ●	-	-	-	-	-	-	-	
Orange 803603 ●	13	White 315314	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	
			4.5	450	14.9	2.93	48.8	13.1	15.2	
		Lt. Blue ●	-	-	-	-	-	-	-	
Orange 803603 ●	15	White 315314	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
			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 803603 ●	18	Lt. Green 315313	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
			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 803603 ●	20	Lt. Green 315313	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
			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 803603 ●	23	Lt. Green 315313	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
			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 803602 ●	25	Green 315310	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
			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 803602 ●	33	Green 315310	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
			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 803602 ●	38	Green 315310	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
			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 803602 ●	43	Green 315310	-	-	-	-	-	-	-	
				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
			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 803601 ●	48	Dk. Green 315312	-	-	-	-	-	-	-	
				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
			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 803601 ●	53	Dk. Green 315312	-	-	-	-	-	-	-	
				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
			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.

### G-885 STANDARD NOZZLES

### G-885 LOW-ANGLE NOZZLES\*\*



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



### Contour Back-Nozzle Capabilities

Whether you want a little extra green behind your adjustable arc TTS rotors or a more modeled look to your fairway's hard edges, contour back-nozzles are here to make your vision a reality. Choose from four short-range or four mid-range nozzles to suit your needs.

### CONTOUR BACK-NOZZLE PERFORMANCE DATA

P/N	Colour	Profile	4.5 Bar		5.5 Bar	
			Metres	L/M	Metres	L/M
803604	Peach		7.6	12.9	8.2	14.8
803603	Orange		8.5	14.4	8.8	15.9
803602	Red		9.4	15.9	10.1	17.0
803601	Dk. Red		10.4	17.4	11.0	18.5
315314	White		11.3	10.6	11.6	11.0
315313	Lt. Green		12.8	16.3	13.4	17.8
315310	Green		14.0	19.7	14.6	21.6
315312	Dk. Green		14.9	29.9	15.5	33.3

### TTS-800/G-885 CONTOUR BACK-NOZZLES



### QuickSet-360 with Ratcheting Riser

Setting up your adjustable arc TTS rotor is fast and simple. The integrated ratcheting mechanism allows a simple twist of the riser to align the right-side reversing point. These rotors are also easily convertible to a true non-reversing full-circle with our exclusive QuickSet-360 feature.