

G-800 SERIES



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

KEY BENEFITS

- Adjustable model distinguished by a grey collar that comes factory set in a part-circle configuration (60° to 360°)
- Exclusive PressurePort™ Technology optimises incoming pressure at each nozzle to increase consistency and maximise distribution uniformity
- High-torque gear drive is the strongest in the industry to mitigate the challenges of debris infiltration
- Proprietary Filter Sentry™ Mechanism cleans the filter with every opening and closing cycle

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
- Nozzle range: 10 to 53
 - 12 standard trajectory (22.5°) nozzles
 - 9 low-angle trajectory (15°) nozzles

OPTIONS

- C – Check-O-Matic Technology 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 Technology with all “E” specifications below*
- DD – Two-station decoder Valve-in-Head Technology with all “E” specifications below*
- E – Electric Valve-in-Head Technology 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 DBRY-6 Splice Connectors for connection to the two-wire path. See **page 11** 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

1 Model	2 Valve Options	3 Nozzle	4 Regulation
G-885 = Full/part-circle 60° to 360° arc range	C = Check-O-Matic Technology* D = Decoder Valve-in-Head Technology DD = Two-station decoder Valve-in-Head Technology E = Electric Valve-in-Head Technology *Converts to N.O. hydraulic Valve-in-Head Technology	10 to 53 = Installed G-885 nozzle	P5 = 50 PSI; 3.4 bar; 340 kPa (nozzles 10 to 18) P6 = 65 PSI; 4.5 bar; 450 kPa (nozzles 18 to 25) P8 = 80 PSI; 5.5 bar; 550 kPa (nozzles 25 to 53)

Example:

G-885-E-33-P8 = G-885 full/part-circle electric Valve-in-Head Technology, installed 33 nozzle, 80 PSI; 5.5 bar; 550 kPa regulation

G-885 NOZZLE PERFORMANCE DATA*

Nozzle Set			Pressure		Radius	Flow		Precip mm/hr	
			bar	kPa	m	m ³ /hr	l/min	■	▲
Orange		Dk. Green	3.4	344	11.3	2.02	33.7	15.9	18.4
803603	10	315312	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
			-	-	-	-	-	-	-
Orange		Lt. Green	3.4	344	14.3	2.59	43.2	12.6	14.6
803603	13	315314	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
			-	-	-	-	-	-	-
Orange		White	3.4	344	15.9	2.93	48.8	11.7	13.5
803603	15	315314	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
			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
803603	18	315313	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
			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
803603	20	315313	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
			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
803603	23	315313	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
			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
803602	25	315310	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
			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
803602	33	315310	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
			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
803602	38	315310	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
			6.9	689	25.6	9.88	164.7	15.1	17.4
Red		Green	-	-	-	-	-	-	-
803602	43	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
			6.9	689	27.1	11.06	184.3	15.0	17.4
Dk. Red		Dk. Green	-	-	-	-	-	-	-
803601	48	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
			6.9	689	27.7	12.38	206.3	16.1	18.6
Dk. Red		Dk. Green	-	-	-	-	-	-	-
803601	53	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
			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

GT-885/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.