

# G800 SERIES

Model: **G885**  
 Radius: **13.1 to 27.7 m**  
 Flow: **1.86 to 13.06 m<sup>3</sup>/hr; 31.0 to 217.7 l/min**

## FEATURES

- Model: G885 – 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
- ▶ All TTS advanced features
- ▶ Decoder-In-Head (DIH) capable

## OPERATING SPECIFICATIONS

- Radius: 13.1 to 27.7 m
- Flow: 1.86 to 13.06 m<sup>3</sup>/hr; 31.0 to 217.7 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) 50Hz; 190 mA (350 mA inrush) 60Hz solenoid with captive plunger and internal downstream bleed

\* All DIH rotors include two IBM DBRY-6 splices for connection to the 2-wire path. See page 184 for critical recommendations on grounding DIH rotors.

▶ = TTS and DIH Advanced Features detailed on pages 154 and 156



**G885C**  
 Pop-up height: 9.5 cm  
 Overall height: 30 cm  
 Flange diameter: 18 cm  
 Female Inlet: 1½" ACME



**G885E**  
 Pop-up height: 9.5 cm  
 Overall height: 30 cm  
 Flange diameter: 18 cm  
 Female Inlet: 1½" ACME

### G885 – SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4 + 5

1 Model	2 Valve Options	3 Nozzle	4 Regulation*	5 Options
<b>G885</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 G885 Nozzle*  * SSU = #18, #23, #25 or #48	<b>P5</b> = 50 PSI (nozzles 10 to 18) <b>P6</b> = 65 PSI (nozzles 18 to 25) <b>P8</b> = 80 PSI (nozzles 25 to 53)  * SSU = P5/#18, P6/#23 P8/#25, P8/#48	<b>S</b> = SSU*  * Standard Stocking Unit

**Example:**  
**G885 - E - 48 - P8 - S** = G885 full/part circle electric valve-in-head, installed #48 nozzle, 80 PSI regulation, standard stocking unit model

G885 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	340	13.1	1.86	31.0	10.8	12.5
			4.1	410	13.4	2.23	37.1	12.4	14.3
			4.5	450	13.7	2.29	38.2	12.2	14.1
		Lt. Green ●	-	-	-	-	-	-	-
Orange 803603 ●	13	White 315314 ●	3.4	340	14.6	2.66	44.3	12.4	14.3
			4.1	410	15.2	2.91	48.5	12.5	14.5
			4.5	450	15.5	3.04	50.7	12.6	14.5
		Lt. Blue ●	-	-	-	-	-	-	-
Orange 803603 ●	15	White 315314 ●	3.4	340	15.9	3.02	50.3	12.0	13.9
			4.1	410	16.2	3.34	55.6	12.8	14.8
			4.5	450	16.5	3.45	57.5	12.7	14.7
		White ●	-	-	-	-	-	-	-
Orange 803603 ●	18	Lt. Green 315313 ●	3.4	340	16.8	3.79	63.2	13.5	15.6
			4.1	410	17.4	4.04	67.4	13.4	15.5
			4.5	450	17.7	4.13	68.9	13.2	15.3
		Orange ●	-	-	-	-	-	-	-
Orange 803603 ●	20	Lt. Green 315313 ●	3.4	340	17.7	4.18	69.7	13.4	15.4
			4.1	410	18.3	4.45	74.2	13.3	15.4
			4.5	450	18.6	4.66	77.6	13.5	15.6
		Tan ●	4.8	480	18.6	4.88	81.4	14.1	16.3
			5.5	550	18.9	5.13	85.6	14.4	16.6
Orange 803603 ●	23	Lt. Green 315313 ●	3.4	340	18.6	4.78	79.6	13.8	16.0
			4.1	410	19.2	5.18	86.3	14.0	16.2
			4.5	450	19.8	5.43	90.5	13.8	16.0
		Green ●	4.8	480	20.1	5.86	97.7	14.5	16.7
			5.5	550	20.4	6.34	105.6	15.2	17.5
Red 803602 ●	25	Green 315310 ●	4.5	450	21.0	6.68	111.3	15.1	17.4
			4.8	480	21.3	6.92	115.3	15.2	17.6
			5.5	550	21.6	7.37	122.8	15.7	18.2
		Blue ●	6.2	620	21.9	7.77	129.5	16.1	18.6
			6.9	690	22.3	8.25	137.4	16.7	19.2
Red 803602 ●	33	Green 315310 ●	-	-	-	-	-	-	-
			5.5	550	22.3	7.83	130.4	15.8	18.3
			6.2	620	22.6	8.34	138.9	16.4	18.9
		Grey ●	6.9	690	23.2	8.75	145.7	16.3	18.8
Red 803602 ●	38	Green 315310 ●	-	-	-	-	-	-	-
			5.5	550	24.1	8.94	149.0	15.4	17.8
			6.2	620	24.1	9.36	156.0	16.1	18.6
		Red ●	6.9	690	24.4	9.75	162.4	16.4	18.9
Red 803602 ●	43	Green 315310 ●	-	-	-	-	-	-	-
			5.5	550	24.4	9.88	164.7	16.6	19.2
			6.2	620	24.7	10.54	175.6	17.3	20.0
		Dk. Brown ●	6.9	690	25.3	11.06	184.3	17.3	20.0
Dk. Red 803601 ●	48	Dk. Green 315312 ●	-	-	-	-	-	-	-
			5.5	550	25.9	11.20	186.6	16.7	19.3
			6.2	620	26.2	11.86	197.6	17.3	19.9
		Dk. Green ●	6.9	690	26.8	12.43	207.1	17.3	19.9
Dk. Red 803601 ●	53	Dk. Green 315312 ●	-	-	-	-	-	-	-
			5.5	550	27.1	11.98	199.7	16.3	18.8
			6.2	620	27.4	12.54	209.0	16.7	19.2
		Dk. Blue ●	6.9	690	27.7	13.06	217.7	17.0	19.6

● = 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.

**G885 STANDARD NOZZLES**

**G885 LOW-ANGLE NOZZLES\*\***



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



**Contour "Back-Nozzle" Capabilities**

Whether you want a little extra green behind your adjustable-arc G885 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

**G885 CONTOUR BACK-NOZZLES**



**QuickSet-360 with Ratcheting Riser**

Setting up your adjustable arc G885 is fast and simple. The integrated ratcheting mechanism allows a simple twist of the riser to align the right-side reversing point. The G885 is also easily convertible to a true non-reversing full circle rotor with our exclusive QuickSet-360 feature.