

G800 SERIES

Model: **G885**

Radius: **13.1 to 27.7 m**

Flow: **1.86 to 13.06 m³/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 m³/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, 210mA (370mA inrush) solenoid with captive plunger and internal downstream bleed

▶ = TTS and DIH Advanced Features detailed on pages 141 and 143



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
G885 = Full/Part Circle 60°-360° Arc Range	C = Check-O-Matic* D = Decoder Valve-In-Head DD = Two-station Decoder Valve-In-Head E = Electric Valve-In-Head * Converts to N.O. Hydraulic Valve-In-Head	10 to 53 = Installed G885 Nozzle* * SSU = #18, #23, #25 or #48	P5 = 50 PSI (nozzles 10 to 18) P6 = 65 PSI (nozzles 18 to 25) P8 = 80 PSI (nozzles 25 to 53) * SSU = P5/#18, P6/#23 P8/#25, P8/#48	S = 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 ³ /hr	l/min	■	▲
Orange	10	Dk. Green	3.4	344	13.1	1.86	31.0	10.8	12.5
●			4.1	413	13.4	2.23	37.1	12.4	14.3
803603			4.5	450	13.7	2.29	38.2	12.2	14.1
●			-	-	-	-	-	-	-
Orange	13	White	3.4	344	14.6	2.66	44.3	12.4	14.3
●			4.1	413	15.2	2.91	48.5	12.5	14.5
803603			4.5	450	15.5	3.04	50.7	12.6	14.5
●			-	-	-	-	-	-	-
Orange	15	White	3.4	344	15.9	3.02	50.3	12.0	13.9
●			4.1	413	16.2	3.34	55.6	12.8	14.8
803603			4.5	450	16.5	3.45	57.5	12.7	14.7
●			-	-	-	-	-	-	-
Orange	18	Lt. Green	3.4	344	16.8	3.79	63.2	13.5	15.6
●			4.1	413	17.4	4.04	67.4	13.4	15.5
803603			4.5	450	17.7	4.13	68.9	13.2	15.3
●			-	-	-	-	-	-	-
Orange	20	Lt. Green	3.4	344	17.7	4.18	69.7	13.4	15.4
●			4.1	413	18.3	4.45	74.2	13.3	15.4
803603			4.5	450	18.6	4.66	77.6	13.5	15.6
●			4.8	482	18.6	4.88	81.4	14.1	16.3
Orange	23	Lt. Green	3.4	344	18.6	4.78	79.6	13.8	16.0
●			4.1	413	19.2	5.18	86.3	14.0	16.2
803603			4.5	450	19.8	5.43	90.5	13.8	16.0
●			4.8	482	20.1	5.86	97.7	14.5	16.7
Red	25	Green	4.5	450	21.0	6.68	111.3	15.1	17.4
●			4.8	482	21.3	6.92	115.3	15.2	17.6
803602			5.5	551	21.6	7.37	122.8	15.7	18.2
●			6.2	620	21.9	7.77	129.5	16.1	18.6
Red	33	Green	-	-	-	-	-	-	-
●			5.5	551	22.3	7.83	130.4	15.8	18.3
803602			6.2	620	22.6	8.34	138.9	16.4	18.9
●			6.9	689	23.2	8.75	145.7	16.3	18.8
Red	38	Green	-	-	-	-	-	-	-
●			5.5	551	24.1	8.94	149.0	15.4	17.8
803602			6.2	620	24.1	9.36	156.0	16.1	18.6
●			6.9	689	24.4	9.75	162.4	16.4	18.9
Red	43	Green	-	-	-	-	-	-	-
●			5.5	551	24.4	9.88	164.7	16.6	19.2
803602			6.2	620	24.7	10.54	175.6	17.3	20.0
●			6.9	689	25.3	11.06	184.3	17.3	20.0
Dk. Red	48	Dk. Green	-	-	-	-	-	-	-
●			5.5	551	25.9	11.20	186.6	16.7	19.3
803601			6.2	620	26.2	11.86	197.6	17.3	19.9
●			6.9	689	26.8	12.43	207.1	17.3	19.9
Dk. Red	53	Dk. Green	-	-	-	-	-	-	-
●			5.5	551	27.1	11.98	199.7	16.3	18.8
803601			6.2	620	27.4	12.54	209.0	16.7	19.2
●			6.9	689	27.7	13.06	217.7	17.0	19.6

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

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.