

TTS-884

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

- Full-circle
- Dual-trajectory, colour-coded nozzles:
 - 10 standard trajectory (22.5°)
 - 9 low-angle trajectory (15°)
- Nozzle range: #15 to #53
- Exclusive PressurePort™ nozzle technology
- 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**

OPERATING SPECIFICATIONS

- Radius: 14.9 to 29.6 m
- Flow: 3.23 to 13.29 m³/hr; 53.8 to 221.4 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-884

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

TTS-884 - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4 + 5

1 Model	2 Valve Options	3 Nozzle	4 Regulation*	5 Options
GT-884 = Full-circle (convertible to forward-facing adjustable arc rotor)	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	15 to 53 = Installed G-880 nozzle* *SSU = #18, #23, #25, or #48	P5 = 50 PSI; 3.4 bar; 340 kPa (nozzles 15 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) *SSU = P5/#18, P6/#23, P8/#25, P8/#48	S = SSU* *Standard stocking unit

Example:

GT-884-E-48-P8-S = GT-884 full-circle electric valve-in-head, installed #48 nozzle, 80 PSI; 5.5 bar; 550 kPa regulation, standard stocking unit model

TTS-884 NOZZLE PERFORMANCE DATA*									
Nozzle Set			Pressure		Radius	Flow		Precip mm/hr	
			bar	kPa	m	m ³ /hr	l/min	■	▲
●	○	●	3.4	344	14.9	3.23	53.8	14.5	16.7
Tan	15	Grey	4.1	413	15.5	3.57	59.4	14.8	17.0
803611		White	4.5	450	15.9	3.73	62.1	14.8	17.1
803611		White	4.8	482	16.2	3.86	64.4	14.8	17.1
803611		White	5.5	551	16.8	4.13	68.9	14.7	17.0
●	○	●	3.4	344	17.1	3.91	65.1	13.4	15.5
Tan	18	Grey	4.1	413	17.7	4.28	71.3	13.7	15.8
803611		Orange	4.5	450	18.0	4.48	74.6	13.8	16.0
803611		Orange	4.8	482	18.3	4.54	75.7	13.6	15.7
803611		Orange	5.5	551	18.6	4.82	80.3	13.9	16.1
●	○	●	3.4	344	17.4	4.18	69.7	13.8	16.0
Tan	20	Grey	4.1	413	18.0	4.61	76.8	14.3	16.5
803611		Brown	4.5	450	18.6	4.86	81.0	14.1	16.2
803611		Brown	4.8	482	19.2	4.91	81.8	13.3	15.4
803611		Brown	5.5	551	19.5	5.16	85.9	13.5	15.6
●	○	●	3.4	344	19.2	4.91	81.8	13.3	15.4
Tan	23	Lt. Blue	4.1	413	19.8	5.22	87.1	13.3	15.4
803611		Green	4.5	450	20.1	5.45	90.8	13.5	15.6
803611		Green	4.8	482	20.4	5.66	94.3	13.6	15.7
803611		Green	5.5	551	20.7	6.04	100.7	14.1	16.2
●	○	●	4.5	450	21.6	6.50	108.3	13.9	16.0
Tan	25	Lt. Blue	4.8	482	22.3	6.75	112.5	13.6	15.7
803611		Blue	5.5	551	22.6	7.19	119.8	14.1	16.3
803611		Blue	6.2	620	22.9	7.65	127.5	14.6	16.9
803611		Blue	6.9	689	23.5	8.12	135.3	14.7	17.0
●	○	●	4.5	450	22.6	7.02	117.0	13.8	15.9
Tan	33	Lt. Blue	4.8	482	22.9	7.27	121.1	13.9	16.1
803611		Grey	5.5	551	23.5	7.77	129.5	14.1	16.3
803611		Grey	6.2	620	24.1	8.22	137.0	14.2	16.4
803611		Grey	6.9	689	24.7	8.68	144.6	14.2	16.4
●	○	●	4.5	450	23.5	7.97	132.9	14.5	16.7
Tan	38	Lt. Blue	4.8	482	24.1	8.31	138.5	14.3	16.6
803611		Red	5.5	551	25.0	8.84	147.3	14.1	16.3
803611		Red	6.2	620	25.6	9.38	156.3	14.3	16.5
803611		Red	6.9	689	26.5	9.90	165.0	14.1	16.3
●	○	●	-	-	-	-	-	-	-
Tan	43	Blue	4.8	482	25.3	9.38	156.3	14.7	16.9
803611		Dk. Brown	5.5	551	25.9	9.90	165.0	14.8	17.0
803611		Dk. Brown	6.2	620	26.5	10.52	175.3	15.0	17.3
803611		Dk. Brown	6.9	689	27.1	11.09	184.7	15.1	17.4
●	○	●	-	-	-	-	-	-	-
Dk. Brown	48	Dk. Blue	4.8	482	27.4	10.65	177.5	14.2	16.3
803610		Dk. Green	5.5	551	28.0	11.11	185.1	14.1	16.3
803610		Dk. Green	6.2	620	28.7	11.46	191.0	14.0	16.1
803610		Dk. Green	6.9	689	29.3	12.15	202.5	14.2	16.4
●	○	●	-	-	-	-	-	-	-
Dk. Brown	53	Dk. Blue	4.8	482	27.7	11.31	188.5	14.7	17.0
803610		Dk. Blue	5.5	551	28.3	11.86	197.7	14.8	17.0
803610		Dk. Blue	6.2	620	29.0	12.61	210.1	15.0	17.4
803610		Dk. Blue	6.9	689	29.6	13.29	221.4	15.2	17.6

* Preliminary performance data. 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-884 STANDARD NOZZLES

TTS-884 LOW-ANGLE NOZZLES**



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



Room to Spare

Adding a two-way module does not reduce flange compartment space. The exclusive configuration provides extra room for full-sized DBRY-6 splice connectors and multiple cables.