

B SERIES

Models: **G84B & G85B**

Radius: **13.1 to 28.3 m**

Flow: **1.86 to 13.24 m³/hr; 31.0 to 220.6 l/min**

FEATURES

- Models:
 - G84B: Full-circle opposing nozzles
 - G85B: True Full-circle/adjustable part circle (60° to 360°)
- QuickCheck™ arc mechanism (G85B)
- QuickSet-360 arc mechanism (G85B)
- Dual trajectory colour-coded nozzles:
 - G84B: 10 standard trajectory (22.5°)
 - G85B: 12 standard trajectory (22.5°)
 - G84B & G85B: 9 low-angle trajectory (15°)
- Nozzle range:
 - G84B: #15 to #53
 - G85B: #10 to #53
- Exclusive PressurePort™ nozzle technology
- Contour “Back-Nozzle” capabilities (G85B)
- Ratcheting stainless steel riser
- Water-lubricated gear drives
- Check height up to 3 m in elevation change

OPERATING SPECIFICATIONS

- G84B
 - Radius: 14.9 to 28.3 m
 - Flow: 3.28 to 13.24 m³/hr; 54.6 to 220.6 l/min
 - Pressure range: 3.4 to 6.9 bar; 340 to 690 kPa
- G85B
 - 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 B Series rotors are pressure rated at 10 bar; 1,000 kPa



G84B

Pop-up height: 9.5 cm
Overall height: 24.5 cm
Flange diameter: 13.7 cm
Female Inlet: 1¼" ACME



G85B

Pop-up height: 9.5 cm
Overall height: 24.5 cm
Flange diameter: 13.7 cm
Female Inlet: 1¼" ACME

G84B & G85B – SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

1 Model	2 Valve Options	3 Nozzle	4 Options*
G84 = Full-Circle	B = Block rotor with check valve	15 to 53 = Installed G84 Nozzle* * SSU = #18, #25 & #48	S = SSU* * Standard Stocking Unit
G85 = Full/Part Circle 60° - 360°	B = Block rotor with check valve	10 to 53 = Installed G85 Nozzle** ** SSU = #18, #25 & #48	S = SSU* * Standard Stocking Unit

Example:

G84 - B - 25 - S = G80 full-circle block rotor, installed #25 nozzle, standard stocking unit model

G84B NOZZLE PERFORMANCE DATA*

Nozzle Set			Pressure		Radius	Flow		Precip mm/hr	
			bar	kPa	m	m ³ /hr	l/min	■	▲
 Tan 803611	 15 White	 Grey 315317	3.4	344	14.9	3.23	53.8	14.5	16.7
			4.1	413	15.5	3.57	59.4	14.8	17.0
			4.5	450	15.9	3.73	62.1	14.8	17.1
			4.8	482	16.2	3.86	64.4	14.8	17.1
			5.5	551	16.8	4.13	68.9	14.7	17.0
 Tan 803611	 18 Orange	 Grey 315317	3.4	344	17.1	3.91	65.1	13.4	15.5
			4.1	413	17.7	4.28	71.3	13.7	15.8
			4.5	450	18.0	4.48	74.6	13.8	16.0
			4.8	482	18.3	4.54	75.7	13.6	15.7
			5.5	551	18.6	4.82	80.3	13.9	16.1
 Tan 803611	 20 Brown	 Grey 315317	3.4	344	17.4	4.18	69.7	13.8	16.0
			4.1	413	18.0	4.61	76.8	14.3	16.5
			4.5	450	18.6	4.86	81.0	14.1	16.2
			4.8	482	19.2	4.91	81.8	13.3	15.4
			5.5	551	19.5	5.16	85.9	13.5	15.6
 Tan 803611	 23 Green	 Lt. Blue 315311	3.4	344	19.2	4.91	81.8	13.3	15.4
			4.1	413	19.8	5.22	87.1	13.3	15.4
			4.5	450	20.1	5.45	90.8	13.5	15.6
			4.8	482	20.4	5.66	94.3	13.6	15.7
			5.5	551	20.7	6.04	100.7	14.1	16.2
 Tan 803611	 25 Blue	 Lt. Blue 315311	4.5	450	21.6	6.50	108.3	13.9	16.0
			4.8	482	22.3	6.75	112.5	13.6	15.7
			5.5	551	22.6	7.19	119.8	14.1	16.3
			6.2	620	22.9	7.65	127.5	14.6	16.9
			6.9	689	23.5	8.12	135.3	14.7	17.0
 Tan 803611	 33 Grey	 Lt. Blue 315311	4.5	450	22.6	7.02	117.0	13.8	15.9
			4.8	482	22.9	7.27	121.1	13.9	16.1
			5.5	551	23.5	7.77	129.5	14.1	16.3
			6.2	620	24.1	8.22	137.0	14.2	16.4
			6.9	689	24.7	8.68	144.6	14.2	16.4
 Tan 803611	 38 Red	 Lt. Blue 315311	4.5	450	23.5	7.97	132.9	14.5	16.7
			4.8	482	24.1	8.31	138.5	14.3	16.6
			5.5	551	25.0	8.84	147.3	14.1	16.3
			6.2	620	25.6	9.38	156.3	14.3	16.5
			6.9	689	26.5	9.90	165.0	14.1	16.3
 Tan 803611	 43 Dk. Brown	 Blue 315300	-	-	-	-	-	-	-
			4.8	482	25.3	9.38	156.3	14.7	16.9
			5.5	551	25.9	9.90	165.0	14.8	17.0
			6.2	620	26.5	10.52	175.3	15.0	17.3
			6.9	689	27.1	11.09	184.7	15.1	17.4
 Dk. Brown 803610	 48 Dk. Green	 Dk. Blue 833500	-	-	-	-	-	-	-
			4.8	482	27.4	10.65	177.5	14.2	16.3
			5.5	551	28.0	11.11	185.1	14.1	16.3
			6.2	620	28.7	11.46	191.0	14.0	16.1
			6.9	689	29.3	12.15	202.5	14.2	16.4
 Dk. Brown 803610	 53 Dk. Blue	 Dk. Blue 833500	-	-	-	-	-	-	-
			4.8	482	27.7	11.31	188.5	14.7	17.0
			5.5	551	28.3	11.86	197.7	14.8	17.0
			6.2	620	29.0	12.61	210.1	15.0	17.4
			6.9	689	29.6	13.29	221.4	15.2	17.6

G84B NOZZLES



G85B NOZZLES



LOW-ANGLE NOZZLES**



** Low-angle nozzles reduce radius by 15%

G85B NOZZLE PERFORMANCE DATA

Nozzle Set			Pressure		Radius	Flow		Precip mm/hr	
			bar	kPa	m	m ³ /hr	l/min	■	▲
 Orange 803603	 10 Lt. Green	 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
			-	-	-	-	-	-	-
			-	-	-	-	-	-	-
 Orange 803603	 13 Lt. Blue	 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
			-	-	-	-	-	-	-
			-	-	-	-	-	-	-
 Orange 803603	 15 White	 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
			5.5	551	16.5	3.75	62.5	13.8	16.0
 Orange 803603	 18 Orange	 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
			5.5	551	18.6	4.66	77.6	13.5	15.6
 Orange 803603	 20 Tan	 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
			5.5	551	19.5	5.02	83.7	13.2	15.2
 Orange 803603	 23 Green	 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
			5.5	551	21.0	5.88	98.0	13.3	15.4
 Red 803602	 25 Blue	 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
			6.9	689	22.9	8.04	134.0	15.4	17.8
 Red 803602	 33 Grey	 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
			6.9	689	24.1	8.61	143.5	14.8	17.1
 Red 803602	 38 Red	 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</