

GOLF - SHORT TO MID RANGE ROTORS

SPECIFICATIONS

D50C25A*

1" Full Circle Rotor with Check Valve, ACME

D50E2570A*

1" Full Circle Rotor; Electric VIH, ACME

D50H25A*

1" Full Circle Rotor; Hydraulic VIH, ACME

D50B25A*

1" Full Circle Block Rotor;
with Drain Valve ACME

- * **Pressure Regulation**
(Electric Model Only)
60, 70 (Standard Pressure), or 80 PSI
- * **Inlet thread availability; NPT, BSP, or ACME**
(standard stocking item)
- * **Re-Claimed Water Versions Available**

D55C25A*

1" Part Circle Rotor with Check Valve, ACME

D55E2570A*

1" Part Circle Rotor; Electric VIH, ACME

D55H25A*

1" Part Circle Rotor; Hydraulic VIH, ACME

D55B25A*

1" Part Circle Block Rotor;
with Check Valve, ACME

D55XC2514A*

1" X-Series Rotor; with Check Valve, ACME

D55XE251470A*

1" X-Series Rotor; Electric VIH, ACME

D55XH2514A*

1" X-Series Rotor; Hydraulic VIH, ACME

- * **Pressure Regulation**
(Electric Model Only)
60, 70 (Standard Pressure), or 80 PSI
- * **Inlet thread availability; NPT, BSP, or ACME**
(standard stocking item)
- * **Re-Claimed Water Versions Available**

D50C* D50E* D50H*



D50B* D55B*



D038

Accessories

D001

Snap ring/pilot valve tool

D002

Pilot valve key

D003

1" valve insertion tool

D038

Pressure gauge

Flange Body Series

OPERATING RANGE:

50-80 psi (3,4 – 5,5 bar)

MAXIMUM PRESSURE:

100 psi (6,9 bar)

MINIMUM PRESSURE:

40 psi (2,7 bar)

DISCHARGE:

11.0 to 31.3 gpm (2,49 – 7,11 m³/hr)

POP-UP HEIGHT:

4" (10 cm)

BODY HEIGHT:

9¾" (24,8 cm)

TOP DIAMETER:

6½" (17,1 cm)

INLET SIZE:

1" (25,4 mm) Female NPT, BSP, ACME

PER BOX:

4 x D50C/D55C, D50E/D55E or
D50HD55H Series

Block Body Series

OPERATING RANGE:

50-70 psi (3,4 – 4,8 bar)

MAXIMUM PRESSURE:

100 psi (6,9 bar)

MINIMUM PRESSURE:

40 psi (2,7 bar)

DISCHARGE:

11.0 to 31.3 gpm (2,49 – 7,11 m³/hr)

POP-UP HEIGHT:

4" (10 cm)

CHECK VALVE:

Holds back up to 15' (4,5 m)
difference in elevation

BODY HEIGHT:

8¼" (20,9 cm) (D50/D55B Series)

TOP DIAMETER:

6" (15,2 cm) (D50/D55B Series)

INLET SIZE:

1" (25,4 mm) Female NPT, BSP, ACME

PER BOX:

8 x D50/D55B Series

FEATURES

- A full 4-inch pop-up clears tall turfgrass for even coverage.
- Rolled-over flange keeps turfgrass clear of riser and nozzle.
- Stainless-steel riser resists damage and vandalism.
- Tough, commercial-grade plastic case stands up to punishment.
- Special design eliminates blow-by and reduces pressure loss to improve system performance.
- Dual-direction flushing protects internals from debris and ensures positive pop-up/down.
- Uniform coverage with square or triangular spacing.
- Full-circle and adjustable patterns for maximum flexibility.
- Easy arc adjustment in the field without any tools.
- Nozzle kit offers fully interchangeable nozzles and is included with each rotor.
- Unique manual On/Off control for hydraulic rotors.
- Heavy-duty spring assures positive retraction.
- Radius can be adjusted up to 25 percent for best coverage.
- Compact cartridge design allows for quick and easy repair.
- Quick lock design allows internals to be serviced from the rotor's top.
- D50/D55 C Models include factory-installed check valve.
- D50/D55 E Models feature electric valve and head.
- D50/D55 H Models are N.O. hydraulically controlled.
- D50/D55 B Compact Models feature factory-installed drain valve.
- D55 X-Series are dual part-circle rotors with adjustable radii.

D50 SERIES

Part Number	Pressure		Max Radius	Discharge	Precipitation Rate ¹		Nozzle Number	Pressure		Max Radius	Discharge	Precipitation Rate ¹	
	PSI	FT	GPM	IN/HR■	IN/HR▲	BAR		kPa	m	L/s	m ³ /hr	mm/hr■	mm/hr▲
D1055	60	37	7.9	0.56	0.64	8 Black	4.1	410	11.2	0.5	1.8	14.18	16.37
	70	37	10.1	0.71	0.82		4.8	480	11.2	0.6	2.3	18.13	20.93
	80	—	—	—	—		5.5	550	—	—	—	—	—
D1187	60	39	9.9	0.63	0.72	12 Gray	4.1	410	11.9	0.6	2.2	15.99	18.47
	70	39	11.5	0.73	0.84		4.8	480	11.9	0.7	2.6	18.58	21.45
	80	—	—	—	—		5.5	550	—	—	—	—	—
D1201	60	47	13.8	0.60	0.69	14 Yellow	4.1	410	14.3	0.9	3.1	15.35	17.73
	70	47	15.4	0.67	0.78		4.8	480	14.3	1.0	3.5	17.13	19.78
	80	—	—	—	—		5.5	550	—	—	—	—	—
D1084	60	51	16.9	0.63	0.72	16 Orange	4.1	410	15.5	1.1	3.8	15.97	18.44
	70	55	18.3	0.58	0.67		4.8	480	16.7	1.2	4.2	14.87	17.17
	80	—	—	—	—		5.5	550	—	—	—	—	—
D1081	60	53	19.8	0.68	0.78	18 Brown	4.1	410	16.1	1.2	4.5	17.32	20.00
	70	57	20.2	0.60	0.69		4.8	480	17.3	1.3	4.6	15.28	17.64
	80	—	—	—	—		5.5	550	—	—	—	—	—
D1229	60	55	19.7	0.63	0.72	19 Red	4.1	410	16.7	1.2	4.5	16.00	18.48
	70	55	21.1	0.67	0.78		4.8	480	16.7	1.3	4.8	17.14	19.79
	80	59	22.2	0.61	0.71		5.5	550	18.0	1.4	5.0	15.59	18.00
D1082	60	59	22.6	0.63	0.72	25* Blue	4.1	410	17.9	1.4	5.1	15.95	18.42
	70	67	26.6	0.57	0.66		4.8	480	20.4	1.7	6.0	14.56	16.81
	80	69	28.5	0.58	0.67		5.5	550	21.0	1.8	6.5	14.63	16.90
D1083	60	62	28.0	0.70	0.81	28 Green	4.1	410	18.8	1.8	6.4	17.90	20.67
	70	71	30.8	0.59	0.68		4.8	480	21.6	1.9	7.0	15.01	17.34
	80	72	32.4	0.60	0.70		5.5	550	21.9	2.0	7.4	15.28	17.64

* Factory Installed

D55 SERIES

Part Number	Pressure		Max Radius	Discharge	Precipitation Rate ¹		Nozzle Number	Pressure		Max Radius	Discharge	Precipitation Rate ¹	
	PSI	FT	GPM	IN/HR■	IN/HR▲	BAR		kPa	m	L/s	m ³ /hr	mm/hr■	mm/hr▲
D1056	60	37	7.9	0.56	0.64	8 Black	4.1	410	11.2	0.5	1.8	14.18	16.37
	70	37	10.1	0.71	0.82		4.8	480	11.2	0.6	2.3	18.13	20.93
	80	—	—	—	—		5.5	550	—	—	—	—	—
D1187	60	40	9.0	0.54	0.63	12 Gray	4.1	410	12.2	0.6	2.0	13.82	15.96
	70	40	12.0	0.72	0.83		4.8	480	12.2	0.8	2.7	18.43	21.28
	80	—	—	—	—		5.5	550	—	—	—	—	—
D1057	60	49	11.9	0.48	0.55	14 Yellow	4.1	410	14.9	0.8	2.7	12.18	14.06
	70	47	14.5	0.63	0.73		4.8	480	14.3	0.9	3.3	16.13	18.63
	80	—	—	—	—		5.5	550	—	—	—	—	—
D1060	60	53	15.0	0.51	0.59	16 Orange	4.1	410	16.1	0.9	3.4	13.12	15.15
	70	51	16.3	0.60	0.70		4.8	480	15.5	1.0	3.7	15.40	17.78
	80	—	—	—	—		5.5	550	—	—	—	—	—
D1059	60	57	16.8	0.50	0.58	18 Brown	4.1	410	17.3	1.1	3.8	12.71	14.67
	70	55	18.3	0.58	0.67		4.8	480	16.7	1.2	4.2	14.87	17.17
	80	—	—	—	—		5.5	550	—	—	—	—	—
D1228	60	55	19.7	0.63	0.72	19 Red	4.1	410	16.7	1.2	4.5	16.00	18.48
	70	55	21.1	0.67	0.78		4.8	480	16.7	1.3	4.8	17.14	19.79
	80	59	22.2	0.61	0.71		5.5	550	18.0	1.4	5.0	15.59	18.00
D1069	60	61	21.2	0.55	0.63	25* Blue	4.1	410	18.5	1.3	4.8	14.00	16.17
	70	59	24.4	0.68	0.78		4.8	480	17.9	1.5	5.5	17.22	19.89
	80	65	26.4	0.60	0.69		5.5	550	19.8	1.7	6.0	15.27	17.64
D1058	60	63	26.4	0.64	0.74	28 Green	4.1	410	19.2	1.7	6.0	16.35	18.87
	70	65	26.2	0.60	0.69		4.8	480	19.8	1.7	6.0	15.24	17.60
	80	67	32.4	0.66	0.76		5.5	550	20.4	1.9	6.9	16.66	19.24

* Factory Installed

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