



Shrub Rotors with Check Valves Performance Data

Notes:

- Use this data to calculate your system's performance when using shrub rotors with check valves.
- The check valve shrub rotors require a greater minimum operating pressure.
- Flow and radius are reduced from non-check-valve models at equal pressures.
- Specifications are unchanged for non-check-valve models.

STREAM ROTOR® (360° Arc Disc) (Model Nos. 300-10-00COM & 340-10-15COM)

Nozzle	PSI	Flow	Radius
01	50	2.07	14
01	75	2.95	16
02	50	2.48	23
02	75	3.69	25
03	50	4.55	27
03	75	6.24	29
63	50	2.66	28
63	75	3.82	30
93	50	3.64	29
93	75	5.29	31
Omni (Min)	50	2.67	16
Omni (Min)	75	3.95	18
Omni (Max)	50	5.08	30
Omni (Max)	75	6.36	33

XP-300 (360° Arc Disc) (Model No. XP300SCOM)

Nozzle	PSI	Flow	Radius
05	50	3.25	28
05	75	5.15	35
07	50	5.02	35
07	75	7.18	42
09	50	5.77	36
09	75	9.14	44
10	50	6.64	37
10	75	10.52	47

SUPER 700 (Model Nos. S700S-PC-COM & S700S-F-COM)

Nozzle	PSI	Flow	7° Radius	15° Radius	25° Radius
1.5	45	1.36	23	32	37
2.0	45	1.92	24	34	38
3.0	50	2.76	25	35	39
4.5	50	3.84	27	38	42
6.0	55	5.33	31	40	46
6.0	75	6.14	32	41	48
7.5	55	6.86	32	41	47
7.5	75	7.50	33	42	49
9.0	60	7.83	34	43	49
9.0	75	9.10	35	44	51

V-1550 (Model Nos. V-1550-SCOM, V-1550-SFCOM V-1550-SECOM & V-1550-SFECOM)

Nozzle	PSI	Flow	7° Radius	25° Radius
1.0	40	1.02	16	29
1.5	50	1.44	16	30
2.0	50	2.01	17	31
3.0	50	2.52	18	32
3.0	60	3.13	19	34
4.0	50	3.47	18	33
4.0	60	4.13	19	35
4.5	50	4.05	18	35
4.5	60	4.56	19	37
6.0	55	5.41	19	38
6.0	65	6.13	20	40
8.0	60	7.18	20	42
8.0	70	8.16	21	44
9.0	60	7.90	20	44
9.0	70	9.76	21	46