

GERAND ENGINEERING

Balvalve-Venturis

1/2" V21	
GPM	PD
0.10	3.2"
0.11	3.7"
0.12	4.4"
0.13	5.1"
0.14	6.0"
0.15	6.8"
0.16	7.8"
0.17	8.8"
0.18	9.8"
0.19	11.0"
0.20	12.2"
0.21	13.4"
0.22	14.7"
0.23	16.1"
0.24	17.5"
0.25	19.0"
0.26	20.5"
0.27	22.1"
0.28	23.8"
0.29	25.5"
0.30	27.3"
0.31	29.2"
0.32	31.1"
0.33	33.1"
0.34	35.1"
0.35	37.2"
0.36	39.4"
0.37	41.6"
0.38	43.9"
0.39	46.2"
0.40	48.6"
0.41	51.1"

1/2" V22	
GPM	PD
0.35	4.6"
0.36	4.9"
0.37	5.2"
0.38	5.4"
0.39	5.7"
0.40	6.0"
0.41	6.3"
0.42	6.7"
0.43	7.0"
0.44	7.3"
0.45	7.6"
0.46	8.0"
0.47	8.3"
0.48	8.7"
0.49	9.1"
0.50	9.4"
0.51	9.8"
0.52	10.2"
0.53	10.6"
0.54	11.0"
0.55	11.4"
0.56	11.8"
0.57	12.3"
0.58	12.7"
0.59	13.1"
0.60	13.6"
0.62	14.5"
0.64	15.4"
0.66	16.4"
0.68	17.4"
0.70	18.5"
0.72	19.6"
0.74	20.7"
0.76	21.8"
0.78	22.9"
0.80	24.1"
0.82	25.4"
0.84	26.6"
0.86	27.9"
0.88	29.2"
0.90	30.6"
0.92	31.9"
0.94	33.3"
0.96	34.8"
0.98	36.2"
1.00	37.7"
1.10	45.6"
1.20	54.3"

1/2" V24	
GPM	PD
0.50	2.4"
0.51	2.5"
0.52	2.6"
0.53	2.7"
0.54	2.8"
0.55	2.9"
0.56	3.0"
0.57	3.1"
0.58	3.2"
0.59	3.3"
0.60	3.4"
0.62	3.7"
0.64	3.9"
0.66	4.1"
0.68	4.4"
0.70	4.7"
0.72	4.9"
0.74	5.2"
0.76	5.5"
0.78	5.8"
0.80	6.1"
0.82	6.4"
0.84	6.7"
0.86	7.0"
0.88	7.4"
0.90	7.7"
0.92	8.0"
0.94	8.4"
0.96	8.8"
0.98	9.1"
1.00	9.5"
1.10	11.5"
1.20	13.7"
1.30	16.1"
1.40	18.6"
1.50	21.4"
1.60	24.3"
1.70	27.5"
1.80	30.8"
1.90	34.3"
2.00	38.0"
2.10	41.9"
2.20	46.0"
2.30	50.3"
2.40	54.8"

1/2" V33	
GPM	PD
0.74	1.9"
0.76	2.0"
0.78	2.1"
0.80	2.3"
0.82	2.4"
0.84	2.5"
0.86	2.6"
0.88	2.7"
0.90	2.8"
0.92	3.0"
0.94	3.1"
0.96	3.2"
0.98	3.4"
1.00	3.5"
1.10	4.3"
1.20	5.1"
1.30	5.9"
1.40	6.9"
1.50	7.9"
1.60	9.0"
1.70	10.2"
1.80	11.4"
1.90	12.7"
2.00	14.1"
2.10	15.5"
2.20	17.0"
2.30	18.6"
2.40	20.3"
2.50	22.0"
2.60	23.8"
2.70	25.6"
2.80	27.6"
2.90	29.6"
3.00	31.6"
3.20	36.0"
3.30	38.3"
3.40	40.6"
3.50	43.1"
3.60	45.6"
3.70	48.1"
3.80	50.8"
3.90	53.5"
3.90	53.5"

GERAND ENGINEERING

Balvalve-Venturis

3/4" V29	
GPM	PD
1.3	3.1
1.4	3.6
1.5	4.1
1.6	4.7
1.7	5.3
1.8	5.9
1.9	6.6
2	7.3
2.1	8
2.2	8.8
2.3	9.6"
2.4	10.5
2.5	11.4
2.6	12.3"
2.7	13.3
2.8	14.3
2.9	15.3"
3	16.4
3.1	17.5
3.2	18.6
3.3	19.8
3.4	21
3.5	22.3
3.6	23.6
3.7	24.9
3.8	26.3
3.9	27.7
4	29.1
4.1	30.6
4.2	32.1
4.3	33.6
4.4	35.2
4.5	36.8
4.6	38.5
4.7	40.2
4.8	41.9
4.9	43.6
5	45.4
5.1	47.3
5.2	49.2
5.3	51.1

3/4" V55	
GPM	PD
2.70	4
2.80	4.3"
2.90	4.6
3.00	4.9"
3.10	5.2
3.20	5.6
3.30	5.9"
3.40	6.3
3.50	6.6"
3.60	7
3.70	7.4
3.80	7.8"
3.90	8.3"
4.00	8.7
4.10	9.1
4.20	9.6
4.30	10
4.40	10.5"
4.50	11
4.60	11.5
4.70	12
4.80	12.5
4.90	13
5.00	13.6"
5.10	14.1
5.20	14.7
5.30	15.2
5.40	15.8
5.50	16.4"
5.60	17
5.70	17.6
5.80	18.2
5.90	18.9
6.00	19.5
6.20	20.9
6.40	22.2
6.60	23.6
6.80	25.1
7.00	28.6
7.20	28.1
7.40	29.7
7.60	31.3
7.80	33
8.00	34.7
8.20	36.5
8.40	38.3
8.60	40.1
8.80	42
9.00	43.9

GERAND ENGINEERING

Balvalve-Venturis

3/4" V34	
GPM	PD
0.10	3.1"
0.11	3.7"
0.12	4.5"
0.13	5.2"
0.14	6.1"
0.15	7
0.16	7.9"
0.17	8.9
0.18	10
0.19	11.2
0.20	12.4
0.21	13.6
0.22	1
0.23	16.4
0.24	17.8
0.25	19.3
0.26	20.9
0.27	22.5
0.28	24.2"
0.29	26
0.30	27.8
0.31	29.7
0.32	31.7
0.33	33.7
0.34	35.7
0.35	37.9
0.36	40.1
0.37	42.3
0.38	44.6
0.39	47.4"
0.40	49.5
0.41	52

3/4" V14	
GPM	PD
0.25	4.2"
0.26	4.5"
0.27	4.8"
0.28	5.2"
0.29	5.6"
0.30	6.0"
0.31	6.4"
0.32	6.8"
0.33	7.2"
0.34	7.7"
0.35	8.1"
0.36	8.6"
0.37	9.1"
0.38	9.6"
0.39	10.1"
0.40	10.6"
0.41	11.2"
0.42	11.7"
0.43	12.3"
0.44	12.9"
0.45	13.5"
0.46	14.1"
0.47	14.7"
0.48	15.3"
0.49	16.0"
0.50	16.6"
0.51	17.3"
0.52	18.0"
0.53	18.7"
0.54	19.4"
0.55	20.1"
0.56	20.8"
0.57	21.6"
0.58	22.4"
0.59	23.1"
0.60	23.9"
0.62	25.5"
0.64	27.2"
0.66	29.0"
0.68	30.7"
0.70	32.6"
0.72	34.5"
0.74	36.4"
0.76	38.4"
0.78	40.4"
0.80	42.5"
0.82	44.7"
0.84	46.9"
0.86	49.2"

3/4" V15	
GPM	PD
0.42	3.6"
0.43	3.7"
0.44	3.9"
0.45	4.1"
0.46	4.3"
0.47	4.5"
0.48	4.7"
0.49	4.9"
0.50	5.1"
0.51	5.3"
0.52	5.5"
0.53	5.7"
0.54	5.9"
0.55	6.1"
0.56	6.4"
0.57	6.6"
0.58	6.8"
0.59	7.0"
0.60	7.3"
0.62	7.8"
0.64	8.3"
0.66	8.8"
0.68	9.4"
0.70	9.9"
0.72	10.5"
0.74	11.1"
0.76	11.7"
0.78	12.3"
0.80	13.0"
0.82	13.6"
0.84	14.3"
0.86	15.0"
0.88	15.7"
0.90	16.4"
0.92	17.1"
0.94	17.9"
0.96	18.7"
0.98	19.4"
1.00	20.3"
1.10	24.5"
1.20	29.2"
1.30	34.2"
1.40	39.7"
1.50	45.6"
1.60	51.8"

3/4" V28	
GPM	PD
0.60	3.6
0.62	3.8
0.64	4.3"
0.66	4.3"
0.68	4.6
0.70	4.8
0.72	5.1"
0.74	5.4
0.76	5.7
0.78	6.9"
0.80	6.3
0.82	6.6
0.84	7
0.86	7.3
0.88	7.7
0.90	8
0.92	8.4
0.94	8.7
0.96	9.1
0.98	9.5
1.00	9.9
1.10	12
1.20	14.2
1.30	16.7
1.40	19.4
1.50	22.2
1.60	25.3
1.70	28.6
1.80	32
1.90	35.7
2.00	39.6
2.10	43.6
2.20	47.9
2.30	52.3

GERAND ENGINEERING

Balvalve-Venturis

1" V46	
GPM	PD
2.40	4.1"
2.50	4.5"
2.60	4.9"
2.70	5.2"
2.80	5.6"
2.90	6.1"
3.00	6.5"
3.10	6.9"
3.20	7.4"
3.30	7.9"
3.40	8.3"
3.50	8.8"
3.60	9.3"
3.70	9.8"
3.80	10.4"
3.90	10.9"
4.00	11.5"
4.10	12.1"
4.20	12.7"
4.30	13.3"
4.40	13.9"
4.50	14.6"
4.60	15.2"
4.70	15.9"
4.80	16.6"
4.90	17.3"
5.00	18.0"
5.10	18.7"
5.20	19.5"
5.30	20.2"
5.40	21.0"
5.50	21.8"
5.60	22.6"
5.70	23.4"
5.80	24.2"
5.90	25.0"
6.00	25.9"
6.20	27.7"
6.40	29.5"
6.60	31.3"
6.80	33.3"
7.00	35.3"
7.20	37.3"
7.40	39.4"
7.60	41.6"
7.80	43.8"
8.00	46.0"
8.20	48.4"
8.40	50.8"

1" V47	
GPM	PD
4.00	3.9"
4.10	4.1"
4.20	4.3"
4.30	4.5"
4.40	4.7"
4.50	4.9"
4.60	5.1"
4.70	5.3"
4.80	5.6"
4.90	5.8"
5.00	6.1"
5.10	6.3"
5.20	6.5"
5.30	6.8"
5.40	7.1"
5.50	7.3"
5.60	7.6"
5.70	7.9"
5.80	8.1"
5.90	8.4"
6.00	8.7"
6.20	9.3"
6.40	9.9"
6.60	10.5"
6.80	11.2"
7.00	11.9"
7.20	12.6"
7.40	13.3"
7.60	14.0"
7.80	14.7"
8.00	15.5"
8.20	16.3"
8.40	17.1"
8.60	17.9"
8.80	18.8"
9.00	19.6"
9.20	20.5"
9.40	21.4"
9.60	22.3"
9.80	23.3"
10.00	24.2"
11.00	29.3"
12.00	34.9"
13.00	40.9"
14.00	47.5"
15.00	54.5"

1" V49	
GPM	PD
6.20	2.7"
6.40	2.9"
6.60	3.1"
6.80	3.3"
7.00	3.5"
7.20	3.7"
7.40	3.9"
7.60	4.1"
7.80	4.3"
8.00	4.5"
8.20	4.8"
8.40	5.0"
8.60	5.2"
8.80	5.5"
9.00	5.7"
9.20	6.0"
9.40	6.3"
9.60	6.5"
9.80	6.8"
10.00	7.1"
11.00	8.6"
12.00	10.2"
13.00	12.0"
14.00	13.9"
15.00	16.0"
16.00	18.2"
17.00	20.5"
18.00	23.0"
19.00	25.6"
20.00	28.4"
21.00	31.3"
22.00	34.3"
23.00	37.5"
24.00	40.9"
25.00	44.3"
26.00	47.9"
27.00	51.7"

GERAND ENGINEERING

Balvalve-Venturis

1 1/4" V51	
GPM	PD
6.00	3.2'
6.20	3.4"
6.40	3.7"
6.60	3.9"
6.80	4.1"
7.00	4.4"
7.20	4.5"
7.40	4.9"
7.60	5.2"
7.80	5.5"
8.00	5.7"
8.20	6.0"
8.40	6.3"
8.60	6.6"
8.80	6.9"
9.00	7.3"
9.20	7.6"
9.40	7.9"
9.60	8.3"
9.80	8.6"
10.00	9.0"
11.00	10.8"
12.00	12.9"
13.00	15.1"
14.00	17.6"
15.00	20.2"
16.00	22.9"
17.00	25.9"
18.00	29.0"
19.00	32.4"
20.00	35.9"
21.00	39.5"
22.00	43.4"
23.00	47.4"
24.00	51.6"

1 1/2" V50	
GPM	PD
8.00	3.0"
8.20	3.1"
8.40	3.3'
8.60	3.4"
8.80	3.6"
9.00	3.7"
9.20	3.9"
9.40	4.1"
9.60	4.3"
9.80	4.4"
10.00	4.6"
11.00	5.6"
12.00	6.6"
13.00	7.8"
14.00	9.0"
15.00	10.4"
16.00	11.8"
17.00	13.3"
18.00	14.9"
19.00	16.7"
20.00	18.5"
21.00	20.3"
22.00	22.3"
23.00	24.4"
24.00	26.6"
25.00	28.8"
26.00	31.2"
27.00	33.6"
28.00	36.2"
29.00	28.8"
30.00	41.5"
31.00	44.3"
32.00	47.2"
33.00	50.2"
34.00	53.3"

2" V48	
GPM	PD
13.00	2.6"
14.00	3.0"
15.00	3.4"
16.00	3.9"
17.00	4.4"
18.00	4.9"
19.00	5.5"
20.00	6.1"
21.00	6.7"
22.00	7.4"
23.00	8.0"
24.00	8.8"
25.00	9.5"
26.00	10.3"
27.00	11.1"
28.00	11.9"
29.00	12.8"
30.00	13.7"
31.00	14.6"
32.00	15.6"
33.00	16.6"
34.00	17.6"
35.00	18.6"
36.00	19.7"
37.00	20.8"
38.00	22.0"
39.00	23.1"
40.00	24.3"
41.00	25.6"
42.00	26.8"
43.00	28.1"
44.00	29.4"
45.00	30.8"
46.00	32.2"
47.00	33.6"
48.00	35.0"
49.00	36.5"
50.00	38.0"
51.00	39.5"
52.00	41.1"
53.00	42.7"
54.00	44.3"
55.00	46.0"
56.00	47.7"
57.00	49.4"
58.00	51.1"
59.00	52.9"

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