Single Deflection Grille

Description

For supply or extract air, having single set of fully adjustable vanes to give directional control of the air pattern in two directions if required. Suitable for wall, duct and ceiling mounting.

Construction

From extruded aluminium sections, frame 1.6mm thick, vanes 4.5mm thick max. Hairline mitres mechanically held. Optional OBD is of extruded aluminium.

Size and Weight

From 100 x 100 to 1200 x 1200 in 25mm increments. Face mullions are incorporated when width exceeds 500mm.
Grille only 8.5kg/m^2, Grille + OBD 16kg/m^2
Free Area approximately 80%

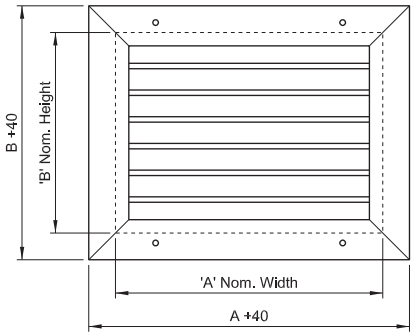
How to Specify

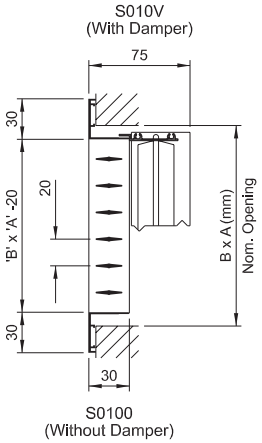
STATE QUANTITY, THE PRODUCT CODING AND THE SIZE WIDTH X HEIGHT
e.g. 10 Qty. S010V+1A 300 x 150

Frame Style	Core	Options	Accessories
S 30mm Flange	01 Horizontal Vanes	0 Fixed Core	0 None
N 21mm Flange	03 Vertical Vanes	H Hinged Core	V Damper
	83 Fixed 0° Horizontal Vanes	R Removable Core	
	85 Fixed 0° Vertical Vanes		

+

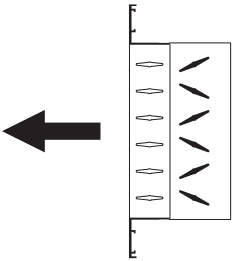
Fixings	Finish
1 Flange Holes	A Satin Anodised
2 Neck Fixings	C PPC RAL 9010 Gloss White
	C PPC BS / RAL Colour
	D Mill Finish





Technical Data Sidewall Mounted Supply Air Grilles

S300V 0° Fixed Blade
S010V Single Deflection
S020V Double Deflection
K110V Heavy Duty Single Deflection
K120V Heavy Duty Double Deflection



300 x 250 350 x 200 500 x 150 800 x 100			300 x 300 350 x 250 450 x 200 600 x 150			350 x 350 400 x 300 500 x 250 600 x 200 850 x 150 1100 x 150			400 x 400 450 x 350 550 x 300 650 x 250 800 x 200 1100 x 200			450 x 450 500 x 400 600 x 350 650 x 300 800 x 250			APERTURE A x B (mm)	
0.064M²			0.077M²			0.105M²			0.146M²			0.18M²			Ac(M²)	q(l/s)
0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	Da	
															Vk(M/s) Lt Ps NC	20
															Vk(M/s) Lt Ps NC	30
															Vk(M/s) Lt Ps NC	40
															Vk(M/s) Lt Ps NC	55
1.25 3 - -	1.36 2.6 - -	1.61 1.5 2 -													Vk(M/s) Lt Ps NC	65
1.46 3.8 - -	1.59 2.9 - -	1.88 1.8 2 -	1.17 3.1 - -	1.31 2.2 - -	1.56 1.3 2 -										Vk(M/s) Lt Ps NC	75
1.66 4.7 - -	1.81 3.9 - -	2.15 2.8 3 -	1.38 4 - -	1.5 3.1 - -	1.78 2.2 2 -										Vk(M/s) Lt Ps NC	85
1.87 5.5 - -	2.05 4.7 2 -	2.41 3.1 3 -	1.55 4.7 - -	1.7 3.8 - -	2 2,5 2 -	1.14 3.8 - -	1.25 3 - -	1.5 2 2 -							Vk(M/s) Lt Ps NC	95
2.08 6.1 2 -	2.27 5.5 3 -	2.65 3.4 4 16	1.72 5 - -	1.88 4 2 -	2.23 3 3 -	1.27 3.8 - -	1.38 3.4 - -	1.63 2.2 2 -							Vk(M/s) Lt Ps NC	105
2.29 6.7 3 -	2.5 5.8 4 16	3 3.9 5 19	1.9 5.5 2 -	2.07 4.6 3 -	2.45 3.4 4 -	1.4 4.1 - -	1.52 3,2 2 -	1.8 2.2 3 -	1 3,1 - -	1.09 2.6 - -	1.3 1,7 2 -				Vk(M/s) Lt Ps NC	115
2.5 7.4 3 17	2.72 5.7 4 18	3.22 4 5 22	2.07 6 2 -	2.25 5 3 -	2.67 3.5 4 17	1.52 4.6 - -	1.66 4 2 -	1.96 3 3 -	1.1 3.4 - -	1.2 3 - -	1.42 2 2 -				Vk(M/s) Lt Ps NC	130
2.71 7.5 4 18	2.95 5.8 5 19	3.5 4.1 6 24	2.25 6.5 3 -	2.45 5.6 3 16	2.9 3,5 4 19	1.65 5.1 - -	1.8 4,33 2 -	2.12 3.2 3 -	1.19 3.8 - -	1.3 3.1 - -	1.53 2 2 -				Vk(M/s) Lt Ps NC	140
2.92 7.7 4 20	3.18 6.3 5 21	3.76 4.5 7 26	2.41 6.8 3 16	2.64 5.8 4 17	3.12 4 5 22	1.77 5.6 - -	1.94 5 3 -	2.29 3.2 4 15	1.28 4 - -	1.4 3.5 - -	1.65 2.3 2 -	1.04 3.1 - -	1.13 2.6 - -	1.34 1.7 2 -	Vk(M/s) Lt Ps NC	150
3.12 8.1 5 21	3.4 6.9 6 23	4.03 4.7 9 27	2.59 7.4 4 17	2.32 6.2 5 19	3.34 4,5 6 23	1.9 6 2 -	2.07 5,2 3 -	2.38 3.5 4 16	1.37 4.4 - -	1.5 3.5 - -	1.77 2,6 2 -	1.11 3.5 - -	1.21 3 - -	1.43 2 2 -	Vk(M/s) Lt Ps NC	160

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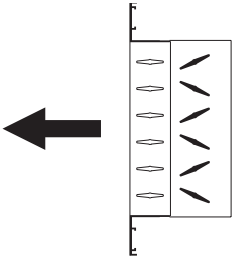

APERTURE A x B (mm)		200 x 200 250 x 150 400 x 100			250 x 200 300 x 150 500 x 100			250 x 250 300 x 200 400 x 150 600 x 100			300 x 250 350 x 200 500 x 150 800 x 100			300 x 300 350 x 250 450 x 200 600 x 150		
q(l/s)	Ac(m²)	0.032M²			0.04M²			0.051M²			0.064M²			0.077M²		
	Da	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
175	Vk (M/s)	6.74	7.37	8.73	5.35	5.83	6.9	4.41	4.59	5.43	3.34	3.63	4.3	2.76	3	3.56
	Lt	14	12	8	11	9.7	6.5	9.2	8	5.3	9	7.6	4.7	7.6	6.8	3.7
	Ps	19	25	38	10	13	24	8	9	15	4	6	9	3	5	7
	NC	45	47	53	38	40	44	31	33	37	23	25	30	19	20	25
200	Vk (M/s)	7.61	8.3	9.82	6	6.56	7.76	4.74	5.16	6.11	3.75	4	4.83	3.1	3.39	4
	Lt	15	13	8.8	13	12	7.5	12.7	10	6.5	10	8.5	5.6	8.7	7	4.6
	Ps	25	32	50	12	17	28	10	13	20	6	7	12	4	5	8
	NC	48	51	-	42	44	48	36	38	43	27	29	34	22	24	29
220	Vk (M/s)	8.45	9.22	10.9	6.69	7.29	8.62	5.27	5.74	6.79	4.16	4.54	5.39	3.45	3.76	4.45
	Lt	17	15	9	14.5	12.6	7.5	12.6	11	6.8	11	9	6	10	8	5.2
	Ps	30	37	58	14	20	30	10	13	23	7	9	15	5	6	9
	NC	53	55	-	46	48	53	38	40	46	31	33	36	26	28	33
240	Vk (M/s)	9.3	10.14	12	7.35	8	9.46	5.79	6.32	7.47	4.58	5	5.92	3.79	4.14	4.9
	Lt	17.8	15.7	10	15.2	13	8.6	13	11	7	11.9	10	6.5	10.5	9	6.2
	Ps	35	40	63	16	23	38	10	15	28	7	9	17	5	7	11
	NC	56	-	-	49	51	55	41	43	48	35	37	41	29	31	37
260	Vk (M/s)				8	8.75	10.35	6.3	6.89	8.15	5	5.45	6.45	4.14	4.52	5.34
	Lt				17	15	9.5	15	13	8	12.8	11	7.4	11.3	10	6.5
	Ps				20	28	50	13	17	31	8	10	19	5	8	13
	NC				52	54	-	45	47	51	37	38	43	32	34	39
280	Vk (M/s)				8.7	9.48	11.21	6.85	7.46	8.82	5.41	5.9	7	4.5	5	5.78
	Lt				19	17	11	16	14.5	9	14	12.3	7.8	12	10.3	6.8
	Ps				25	33	57	14	20	37	9	13	23	6	9	14
	NC				54	55	-	47	49	54	39	41	47	35	37	42
300	Vk (M/s)				9.36	10.2	12	7.37	8	9.5	5.84	6.36	7.52	4.88	5.26	6.23
	Lt				19.5	17.5	11.6	17	15	9	15	13	8.6	13	11	7.2
	Ps				35	40	63	18	23	39	10	15	30	8	10	18
	NC				55	-	-	50	52	-	43	45	50	38	40	45
320	Vk (M/s)							7.9	8.61	10.19	6.25	6.81	8.06	5.17	5.65	6.7
	Lt							17.7	15.8	10	15.7	13.6	8.3	14	12	7.7
	Ps							20	28	50	13	17	32	8	12	20
	NC							52	54	-	45	47	52	39	41	46
340	Vk (M/s)							8.42	9.2	10.86	6.62	7.26	8.6	5.52	6.02	7.12
	Lt							18.5	16.6	10.2	17	15	9.2	15.5	13.2	8
	Ps							23	32	58	13	20	36	9	15	23
	NC							53	55	-	48	50	55	43	45	50
360	Vk (M/s)										7.08	7.72	9.14	5.86	6.4	7.56
	Lt										18	16	10	16	14	8.8
	Ps										15	20	38	10	15	30
	NC										50	52	-	45	47	52
390	Vk (M/s)										7.5	8.17	9.67	6.21	6.77	8
	Lt										19	17	10.5	17	14.6	9
	Ps										25	32	50	13	17	32
	NC										52	54	-	46	48	54
420	Vk (M/s)													6.9	7.5	8.9
	Lt													19.5	16	10.2
	Ps													15	20	38
	NC													51	53	-
460	Vk (M/s)													7.6	8.28	9.8
	Lt													20	17	11
	Ps													25	33	53
	NC													53	55	-
500	Vk (M/s)															
	Lt															
	Ps															
	NC															

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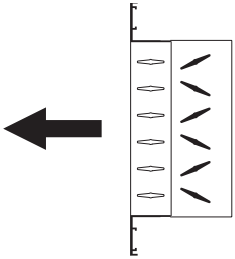

350 x 350 400 x 300 500 x 250 600 x 200 850 x 150			400 x 400 450 x 350 550 x 300 650 x 250 800 x 200 1200 x 150			450 x 450 500 x 400 600 x 350 650 x 300 800 x 250 1000 x 200			500 x 500 600 x 450 650 x 400 750 x 350 900 x 300 1100 x 250			600 x 600 700 x 500 750 x 450 900 x 400 1200 x 300 1500 x 250			APERTURE A x B (mm)	
0.105M²			0.146M²			0.18M²			0.241M²			0.331M²			Ac(M²)	q(l/s)
0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	Da	
2.03	2.22	2.62	1.46	1.6	1.89										Vk(M/s)	175
6.2	4.9	3.7	5.1	4	3.1										Lt	
2	3	4	-	2	3										Ps	
15	16	18	-	-	-										NC	
2.28	2.5	2.95	1.65	1.8	2.12	1.33	1.45	1.72							Vk(M/s)	200
7.4	6.2	4.6	5.9	4.8	3.4	4.3	3.4	2.5							Lt	
3	4	5	-	2	3	-	-	2							Ps	
17	19	22	-	-	15	-	-	-							NC	
2.54	2.76	2.27	1.83	2	2.36	1.48	1.62	1.91							Vk(M/s)	220
8	6.8	4.7	6.5	5.2	3.7	5	3.7	2.5							Lt	
3	4	5	-	2	3	-	-	2							Ps	
19	20	25	-	-	19	-	-	-							NC	
2.79	3.04	3.6	2	2.2	2.6	1.63	1.78	2.1	1.22	1.33	1.57				Vk(M/s)	240
8.7	7.6	5	7.2	5.8	4	5.5	4.3	3	5	3.4	2.7				Lt	
3	4	5	-	3	4	-	-	2	-	-	2				Ps	
20	22	26	-	15	19	-	-	-	-	-	-				NC	
3.04	3.32	3.92	2.2	2.4	2.85	1.8	1.95	2.3	1.33	1.45	1.71				Vk(M/s)	260
9.5	8	5.2	7.8	6.4	4.6	6.5	5.3	3	5.8	4	3				Lt	
4	5	8	2	3	5	-	2	3	-	-	2				Ps	
23	25	29	-	15	21	-	-	18	-	-	-				NC	
3.3	3.6	4.25	2.38	2.6	3.07	1.92	2.1	2.5	1.44	1.56	1.86				Vk(M/s)	280
10	8.6	5.8	8.6	7.3	4.8	7.3	5.8	3.9	6.6	4.7	3.2				Lt	
4	5	9	3	4	5	-	3	4	-	2	3				Ps	
25	27	32	19	20	24	-	15	20	-	-	-				NC	
3.56	3.4	4.58	2.56	2.8	3.3	2.07	2.26	2.67	1.55	1.69	2	1.12	1.33	1.46	Vk(M/s)	300
11	9	5.8	9	7.4	5	8	6.3	4	6.7	5.5	4	4.9	3.8	2.5	Lt	
5	6	10	3	4	6	3	4	5	2	2	4	-	-	2	Ps	
27	29	34	20	21	26	-	16	21	-	-	-	-	-	-	NC	
3.8	4.15	4.91	2.75	3	3.55	2.22	2.43	2.88	1.66	1.81	2.14	1.21	1.32	1.56	Vk(M/s)	320
12	10.6	6.8	10	8	5.4	8.6	6.9	4.8	6.8	5.7	4	5	4	2.5	Lt	
5	6	12	4	4	6	2	3	4	-	2	3	-	-	2	Ps	
30	32	36	22	24	28	18	19	24	-	-	16	-	-	-	NC	
4.06	4.42	5.23	2.93	3.2	3.78	2.38	2.59	3.06	1.77	1.93	2.28	1.29	1.4	1.66	Vk(M/s)	340
13	11	7	11	8.3	5.5	9	7.5	5	7.4	6	4.3	5.5	4	3	Lt	
6	8	13	5	6	7	3	4	6	2	3	4	-	2	3	Ps	
33	34	39	24	25	30	20	21	25	-	15	20	-	-	-	NC	
4.31	4.7	5.56	3.12	3.4	4	2.5	2.75	3.25	1.88	2.05	2.42	1.37	1.5	1.76	Vk(M/s)	360
13.6	11.3	7.2	11.3	9	6.3	10	8	5.4	7.8	6.8	4.6	6	4.7	3	Lt	
6	8	14	4	6	8	3	4	7	2	3	4	-	2	3	Ps	
35	37	42	24	26	31	21	23	27	-	16	21	-	-	14	NC	
4.57	4.98	5.89	3.3	3.6	4.25	2.67	2.9	3.44	2	2.18	2.58	1.45	1.58	1.87	Vk(M/s)	390
14	12.5	8.2	12.8	10	6.7	11	8.7	5.9	8.3	6.8	5	6.7	5	3.2	Lt	
7	9	16	5	6	9	3	4	7	3	4	5	2	3	3	Ps	
38	40	45	27	29	33	22	24	29	16	17	22	-	-	15	NC	
5.08	5.53	6.54	3.66	3.99	4.72	2.96	3.23	3.82	2.21	2.41	2.85	1.61	1.75	2.08	Vk(M/s)	420
15	13	8.8	13	10.6	7	11	8.7	5.8	9	7	5	7	5.7	4	Lt	
8	11	19	6	7	10	4	6	8	3	4	4	2	3	4	Ps	
41	43	48	30	32	37	25	27	32	18	20	24	-	-	16	NC	
5.58	6.09	7.2	4.03	4.4	5.2	3.26	3.55	4.2	2.31	2.51	3	1.73	1.93	2.28	Vk(M/s)	460
16.5	13	8.7	14	10.8	7.7	12	10	6.7	10	8	5.8	7.5	6	4.4	Lt	
9	15	25	6	8	13	5	6	9	3	4	5	2	3	4	Ps	
44	46	51	34	36	41	28	30	34	21	23	27	15	16	21	NC	
6.09	6.64	7.84	4.4	4.8	5.65	3.56	3.88	4.58	2.65	2.9	3.42	1.94	2.1	2.5	Vk(M/s)	500
18	15	10	16	13	8	14	11	7	11	8.5	6	9	7	5	Lt	
14	16	30	7	8	14	5	7	10	3	5	7	3	4	4	Ps	
47	49	55	38	40	44	30	32	36	24	26	30	17	18	23	NC	

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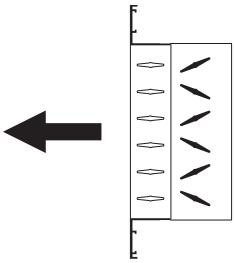

APERTURE A x B (mm)		300 x 300 350 x 250 450 x 200 600 x 150			350 x 350 400 x 300 500 x 250 600 x 200 850 x 150			400 x 400 450 x 350 550 x 300 650 x 250 800 x 200 1200 x 150			450 x 450 500 x 400 600 x 350 650 x 300 800 x 250 1000 x 200			500 x 500 600 x 450 650 x 400 750 x 350 900 x 300 1100 x 250		
q(l/s)	Ac(m^2)	0.077M^2			0.105M^2			0.146M^2			0.18M^2			0.241M^2		
	Da	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
550	Vk (M/s)	9	10	11.57	6.6	7.19	8.51	4.76	5.19	6.14	3.85	4.2	5	2.87	3.14	3.7
	Lt	23	20	13	19	16	10	16	13.3	9.2	13.3	11	7.3	11	9	6.3
	Ps	25	37	63	13	18	31	9	11	18	5	7	13	3	4	5
	NC	-	-	-	48	50	55	40	42	47	32	33	39	25	26	32
600	Vk (M/s)				7.1	7.75	9.16	5.12	5.6	6.61	4.15	4.53	5.35	3.1	3.38	4
	Lt				20.3	17.5	11	17.5	14	10	14	12	8	12.3	10.5	6.8
	Ps				15	20	36	9	13	20	6	8	14	3	5	6
	NC				51	53	-	41	42	48	35	36	42	27	28	34
650	Vk (M/s)				7.61	8.3	9.82	5.5	6	7.08	4.45	4.85	5.74	3.32	3.62	4.28
	Lt				21.5	18.5	11.5	18.5	15.1	10	15.4	13	8.7	13	10.5	7
	Ps				18	23	40	9	14	22	7	9	17	4	5	8
	NC				52	54	-	45	47	52	38	40	46	29	30	36
700	Vk (M/s)				8.38	9.12	10.8	6.04	6.59	7.8	4.9	5.33	6.3	3.65	4	4.7
	Lt				23.5	20	13	20	16.5	11	16.5	14	9	14	11	8
	Ps				20	29	50	10	15	25	8	11	19	4	7	10
	NC				-	-	-	47	48	54	41	42	48	31	33	38
800	Vk (M/s)							6.75	7.4	8.75	5.5	6	7.07	4.09	4.45	5.28
	Lt							22	18.8	12	19	15.7	10	15.7	13	8.6
	Ps							13	18	32	9	13	23	5	8	15
	NC							49	51	56	44	45	51	35	36	42
900	Vk (M/s)							7.33	8	9.45	6	6.46	7.65	4.43	4.82	5.7
	Lt							23	20	13	20	17	10.6	17	14	9
	Ps							15	23	38	11	15	27	6	9	22
	NC							52	54	-	47	49	54	40	41	46
1000	Vk (M/s)										6.82	7.43	8.78	5.08	5.54	6.56
	Lt										23	19	12	20	16	11
	Ps										15	20	36	10	15	38
	NC										51	53	-	44	46	50
1100	Vk (M/s)													5.75	6.26	7.41
	Lt													23	18	11.7
	Ps													15	25	45
	NC													47	49	54
1300	Vk (M/s)													6.63	7.23	8.55
	Lt													26	20	13
	Ps													20	33	50
	NC													54	-	-
1500	Vk (M/s)															
	Lt															
	Ps															
	NC															
1700	Vk (M/s)															
	Lt															
	Ps															
	NC															
2000	Vk (M/s)															
	Lt															
	Ps															
	NC															
2400	Vk (M/s)															
	Lt															
	Ps															
	NC															
2800	Vk (M/s)															
	Lt															
	Ps															
	NC															

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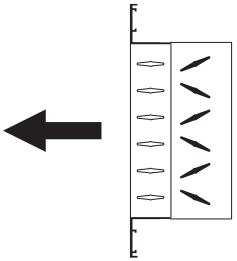
Technical Data Sidewall Mounted Supply Air Grilles

S300V 0° Fixed Blade
S010V Single Deflection
S020V Double Deflection
K110V Heavy Duty Single Deflection
K120V Heavy Duty Double Deflection



600 x 600 700 x 500 750 x 450 900 x 400 950 x 350 1200 x 300			750 x 600 900 x 500 1000 x 450 1150 x 400 1500 x 300			750 x 750 950 x 600 1200 x 500 1300 x 450 1500 x 400			900 x 750 1050 x 600 1350 x 500 1500 x 450 1700 x 400			1000 x 750 1200 x 600 1500 x 500 1800 x 400			APERTURE A x B (mm)	
0.331M²			0.422M²			0.54M²			0.64M²			0.69M²			Ac(M²)	q(l/s)
0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	Da	
2.2	2.28	2.7	1.65	1.8	2.12	1.3	1.4	1.65							Vk(M/s)	550
10	8	5.7	7.8	6	4.3	5.6	4.3	3							Lt	
2	3	5	2	2	4	2	2	3							Ps	
18	19	24	-	15	20	-	-	-							NC	
2.25	2.46	2.91	1.77	1.93	2.28	1.39	1.51	1.79	1.17	1.28	1.5				Vk(M/s)	600
11	8.6	6	8.7	6.8	4.6	6.8	5	3.3	5.3	4	2.5				Lt	
3	4	5	3	3	4	3	3	4	2	2	3				Ps	
20	21	27	-	15	20	-	-	16	-	-	-				NC	
2.41	2.64	3.12	1.9	2.06	2.45	1.5	1.62	1.91	1.25	1.37	1.62				Vk(M/s)	650
12	9	6.7	9.5	7.3	5.3	7.3	5.3	3.8	6	4	2.5				Lt	
4	5	7	3	4	5	3	4	5	3	3	4				Ps	
22	23	28	16	17	23	-	-	17	-	-	-				NC	
2.66	2.9	3.42	2.08	2.28	2.69	1.65	1.78	2.1	1.38	1.5	1.99				Vk(M/s)	700
12.4	9.7	7	10.3	8	5.7	8.3	6	4.4	6.5	4.3	3				Lt	
4	5	9	3	5	6	3	4	5	3	3	5				Ps	
24	25	31	18	19	25	-	-	18	-	-	-				NC	
2.98	3.25	3.84	2.34	2.55	3.02	1.83	2	2.35	1.54	1.68	2				Vk(M/s)	800
13.5	11	7	11.3	9.2	6.2	9	6.8	5	7	5	3.5				Lt	
4	6	12	4	6	9	3	4	6	3	4	5				Ps	
27	28	34	21	22	28	15	17	22	-	-	16				NC	
3.23	3.51	4.15	2.52	2.75	3.26	2	2.15	2.55	1.67	1.82	2.15				Vk(M/s)	900
15	12	8	12.5	10	6.8	10	8	5.7	7.7	5.6	4				Lt	
5	7	13	5	7	12	4	5	10	3	4	8				Ps	
30	31	36	24	25	30	18	19	25	-	15	19				NC	
3.7	4.04	4.78	2.9	3.17	3.75	2.28	2.5	2.93	1.92	2.09	2.48	1.79	1.9	2.31	Vk(M/s)	1000
16	13	8.6	14	11	7.6	12	9	6.7	9	6.9	4.8	8	6	4.3	Lt	
6	7	20	5	8	16	5	6	12	4	5	10	2	4	8	Ps	
34	35	41	27	28	34	20	21	27	17	18	24	-	16	21	NC	
4.19	4.56	5.4	3.28	3.58	4.24	2.57	2.8	3.31	2.17	2.36	2.8	2.02	2.2	2.61	Vk(M/s)	1100
18	15	9.3	15.5	12.3	8.3	13	10.4	7	11	8.5	5.6	9	7.6	5	Lt	
11	15	25	7	12	20	6	8	15	5	8	15	4	6	10	Ps	
37	38	44	31	32	38	25	26	31	20	21	27	19	20	26	NC	
4.83	5.27	6.23	3.79	4.13	4.89	2.92	3.23	3.82	2.5	2.73	3.23	2.33	2.54	3	Vk(M/s)	1300
22	17	11	18	15	9.5	15	12	8.2	12.3	10	7.2	9.3	8	6.2	Lt	
15	25	38	10	15	28	7	10	19	6	9	16	4	8	13	Ps	
46	48	53	37	38	45	30	31	38	27	28	33	24	25	30	NC	
5.63	6.15	7.28	4.43	4.82	5.7	3.46	3.74	4.46	2.92	3.19	3.76	2.72	2.97	3.5	Vk(M/s)	1500
27	21	14	22	17	11	18	14	10.3	15	11	8.6	12	9	7.5	Lt	
16	30	43	13	18	32	9	15	28	8	13	24	5	10	18	Ps	
51	52	-	42	44	49	35	36	43	30	31	37	27	28	34	NC	
6.45	7	8.3	5.05	5.51	6.52	3.95	4.31	5.1	3.34	3.68	4.3	3.11	3.39	4	Vk(M/s)	1700
34	28	18	29	24	15	24	21	13	21	16	12	18	13	9	Lt	
19	33	50	15	25	38	11	18	32	10	14	28	7	12	25	Ps	
54	56	-	48	49	55	41	42	48	35	36	42	30	31	37	NC	
			6	6.54	7.74	4.7	5.12	6.05	4	4.32	5.11	3.7	4.03	4.77	Vk(M/s)	2000
			37	29	18	33	27	17	28	22	14	23	19	12	Lt	
			19	30	40	15	23	24	13	18	30	9	14	27	Ps	
			-	-	-	48	50	55	43	44	50	38	39	44	NC	
			7	7.5	9	5.5	6	7	4.6	5	6	4.3	4.7	5.5	Vk(M/s)	2400
			40	31	23	35	29	19	32	25	16	26	21	14	Lt	
			25	37	55	19	28	40	16	24	37	13	17	29	Ps	
			-	-	-	-	-	-	52	-	-	48	50	55	NC	
			8.2	9	10.6	6.4	7	8.3	5.4	5.9	7	5	5.5	6.5	Vk(M/s)	2800
			45	37	23	38	32	22	33	28	19	29	24	16	Lt	
			30	48	65	25	34	48	20	25	40	16	21	34	Ps	
			-	-	-	-	-	-	-	-	-	-	-	-	NC	