sound data for FISCHBACH-Compact-Fan
type: D + DS = double inlet

D 240/E 1

*sound pressure level Lp in dB (A)							
operat. voltage [V]	80	100	125	150	170	190	230
inlet	39	45	49	52	54	56	58
discharge	41	46	50	54	55	56	59

* related to room absorption of 8 db (25m² Sabine), at free air!
measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	43	41	39	43	42	37	33	33	48
100	49	45	45	50	48	44	42	37	54
125	52	50	49	55	51	48	45	40	58
150	54	53	53	57	56	51	50	45	62
170	55	55	54	59	57	54	51	47	63
190	56	55	55	59	58	54	52	47	64
230	60	58	58	62	60	55	54	50	66

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	45	40	40	46	43	38	37	33	50
100	50	46	47	52	58	45	42	39	53
125	53	51	51	55	54	49	48	41	57
150	55	54	55	58	55	51	50	45	61
170	57	55	55	60	57	53	54	47	62
190	60	58	58	62	60	54	54	49	64
230	61	59	59	64	61	59	55	51	66

D 270/E 1

*sound pressure level Lp in dB (A)							
operat. voltage [V]	80	100	125	150	170	190	230
inlet	40	46	49	53	55	56	59
discharge	42	46	51	53	56	58	61

* related to room absorption of 8 db (25m² Sabine), at free air!
measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	46	42	40	45	43	38	36	34	48
100	50	46	44	50	49	45	42	38	51
125	52	51	48	55	51	49	45	40	55
150	55	53	53	57	57	52	50	46	61
170	55	56	55	59	57	54	51	47	61
190	58	56	55	60	59	56	53	48	62
230	61	59	57	62	60	56	54	50	66

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	46	41	41	45	43	39	38	35	50
100	51	47	48	50	58	46	43	41	52
125	53	51	51	53	54	49	47	41	58
150	56	55	56	56	55	52	51	46	61
170	57	55	54	59	57	53	53	47	62
190	60	59	57	60	60	55	55	49	64
230	61	59	58	61	61	60	56	52	66

D 340/E 1

*sound pressure level Lp in dB (A)							
operat. voltage [V]	80	100	125	150	170	190	230
inlet	41	47	51	54	56	58	60
discharge	43	48	52	56	58	59	61

* related to room absorption of 8 db (25m² Sabine), at free air!

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	47	43	43	48	44	40	39	34	49
100	51	48	48	53	50	46	44	40	55
125	55	52	52	57	54	50	48	43	59
150	57	55	55	60	58	54	52	47	62
170	59	57	57	62	60	56	54	49	64
190	60	59	59	63	61	57	56	51	66
230	62	61	61	65	63	59	57	53	68

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	48	44	44	49	46	41	40	35	51
100	53	50	50	55	52	47	46	41	56
125	56	54	54	58	56	52	50	45	60
150	59	57	57	61	59	55	53	49	64
170	60	59	59	63	61	57	56	51	66
190	62	60	61	65	63	59	57	52	67
230	63	62	63	67	65	61	59	54	69

sound data for FISCHBACH-Compact-Fan
type: D + DS = double inlet

D 440/E 15
D 470/E 15

*sound pressure level Lp in dB (A)							
operat. voltage [V]	80	100	125	150	170	190	230
inlet	37	45	50	55	57	59	61
discharge	38	46	52	57	59	61	63

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	43	38	38	44	40	35	34	29	45
100	50	46	46	51	48	44	42	38	53
125	54	52	52	56	54	50	48	43	58
150	58	56	56	61	59	55	53	48	63
170	60	59	59	63	61	57	55	50	65
190	61	60	61	64	63	59	57	52	67
230	63	62	62	66	65	61	59	54	69

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	45	40	40	45	41	36	35	30	46
100	51	48	48	53	50	45	44	39	54
125	56	53	53	58	55	51	50	45	60
150	60	58	58	62	60	56	54	50	65
170	62	60	61	65	63	59	57	52	67
190	63	62	62	66	65	61	59	54	69
230	64	64	64	68	66	63	61	56	71

D 540/E 15
D 540/E 25

*sound pressure level Lp in dB (A)							
operat. voltage [V]	80	100	125	150	170	190	230
inlet	40	46	53	58	61	63	66
discharge	41	48	54	60	63	65	68

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	46	41	41	46	43	38	37	32	48
100	51	47	48	52	49	45	43	39	54
125	56	54	54	59	56	52	50	46	61
150	60	59	59	63	61	58	56	51	66
170	63	62	62	66	65	61	59	54	69
190	64	64	64	68	67	63	61	56	71
230	67	67	67	71	70	66	64	59	74

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	47	43	43	48	44	40	38	33	49
100	52	49	49	54	51	46	45	40	56
125	58	56	56	60	58	54	52	47	62
150	62	61	61	65	63	59	57	53	68
170	64	64	64	68	66	63	61	56	71
190	66	66	66	70	69	65	63	58	73
230	69	69	69	73	72	68	66	61	76

sound data for FISCHBACH-Compact-Fan
type: D + DS = double inlet

D 570/E 25

*sound pressure level Lp in dB (A)							
operat. voltage [V]	80	100	125	150	170	190	230
inlet	36	43	50	55	59	61	65
discharge	37	44	52	57	60	63	67

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	43	38	38	43	39	34	33	28	44
100	48	44	44	49	46	41	40	35	51
125	54	51	52	56	53	49	48	43	58
150	58	56	56	61	59	55	53	48	63
170	61	60	60	64	62	58	56	52	67
190	63	62	63	66	65	61	59	55	69
230	66	66	67	70	69	66	64	59	73

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	44	39	39	44	40	36	34	30	45
100	50	46	46	51	47	43	41	37	52
125	56	53	53	58	55	51	49	44	60
150	60	58	58	62	60	56	55	50	65
170	62	61	62	66	64	60	58	53	68
190	65	64	64	68	67	63	61	56	71
230	68	68	68	72	71	67	65	61	75

D 640/E 35

*sound pressure level Lp in dB (A)							
operat. voltage [V]	80	100	125	150	170	190	230
inlet	40	48	56	61	64	66	68
discharge	42	49	57	63	66	68	70

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	46	42	42	47	43	39	37	33	48
100	52	49	49	54	51	47	45	40	56
125	58	57	57	61	59	55	53	49	64
150	63	62	62	66	65	61	59	54	69
170	65	65	65	69	68	64	62	57	72
190	67	67	67	71	70	67	65	60	74
230	69	69	69	73	72	69	67	62	76

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	48	43	43	48	45	40	39	34	50
100	54	50	51	55	52	48	47	42	57
125	60	58	59	63	61	57	55	50	65
150	64	64	64	68	66	63	61	56	71
170	67	67	67	71	70	66	64	59	74
190	69	69	69	73	72	68	66	62	76
230	70	71	71	75	74	71	69	64	78

D 670/E 35

*sound pressure level Lp in dB (A)							
operat. voltage [V]	80	100	125	150	170	190	230
inlet	43	49	56	60	63	65	68
discharge	44	51	57	62	65	67	70

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	48	44	44	49	46	42	40	35	51
100	54	51	51	56	53	49	47	42	57
125	58	57	57	61	59	55	53	48	64
150	62	61	62	66	64	60	58	54	68
170	64	64	64	68	67	63	61	56	71
190	66	66	66	70	69	65	63	58	73
230	68	69	69	72	72	68	66	61	76

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	50	46	46	51	47	43	42	37	52
100	55	52	53	57	54	50	49	44	65
125	60	58	59	63	61	57	55	50	65
150	64	63	63	67	66	62	60	55	70
170	66	66	66	70	69	65	63	58	73
190	68	68	68	72	71	67	65	60	75
230	70	71	71	74	74	70	68	63	78

sound data for FISCHBACH-Compact-Fan
type: D + DS = double inlet

D 730/E 35

*sound pressure level Lp in dB (A)							
operat. voltage [V]	80	100	125	150	170	190	230
inlet	41	47	54	59	63	66	70
discharge	27	34	40	46	50	54	57

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	49	51	49	47	47	34	30	27	51
100	52	55	53	52	52	45	39	33	55
125	59	59	58	59	58	53	51	46	61
150	63	64	63	62	62	59	57	54	66
170	67	69	68	66	66	64	63	61	70
190	69	72	70	67	69	66	66	64	73
230	74	75	74	70	73	71	70	69	76

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	47	44	45	46	44	34	30	27	50
100	53	49	49	53	50	45	40	36	54
125	60	56	53	59	56	51	50	46	60
150	63	64	59	62	60	57	56	54	64
170	69	68	64	67	65	63	63	61	69
190	71	72	67	68	68	66	66	65	73
230	75	74	71	70	72	69	69	69	75

DS 6-740/E 35

*sound pressure level Lp in dB (A)							
operat. voltage [V]	80	100	125	150	170	190	230
inlet	40	47	55	60	64	66	68
discharge	42	49	57	63	65	68	70

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	45	42	42	47	42	38	37	33	47
100	52	48	49	54	50	48	45	40	55
125	58	57	56	60	59	55	52	48	63
150	62	61	62	65	66	61	58	55	69
170	66	65	66	69	68	64	61	57	71
190	67	67	66	71	71	68	65	60	74
230	69	68	69	73	71	69	68	63	76

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	48	42	43	48	44	39	39	35	49
100	54	49	52	55	51	49	46	41	56
125	59	57	59	62	61	57	55	50	66
150	64	64	64	67	66	64	61	55	72
170	67	67	66	70	71	66	64	59	74
190	68	69	639	72	71	69	65	61	77
230	70	71	72	74	73	71	69	64	79

DS 6-740/E 65

*sound pressure level Lp in dB (A)							
operat. voltage [V]	80	100	125	150	170	190	230
inlet	41	47	55	61	65	67	69
discharge	42	49	57	63	65	69	71

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	46	43	42	48	43	39	38	33	48
100	53	48	50	54	51	49	46	40	55
125	59	58	56	61	59	56	53	49	64
150	62	61	62	65	66	61	58	55	69
170	66	64	65	68	68	64	61	57	72
190	67	67	66	71	71	68	65	60	74
230	70	68	70	73	71	70	68	63	77

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	47	42	44	48	45	39	39	35	50
100	54	49	52	55	52	49	46	41	56
125	59	57	59	62	61	57	55	50	67
150	64	65	64	67	67	64	61	55	72
170	67	67	67	70	71	66	647	59	75
190	68	69	69	72	72	69	65	61	78
230	70	71	72	74	73	71	69	64	79

sound data for FISCHBACH-Compact-Fan
type: D + DS = double inlet

DS 6-770/E 65

*sound pressure level Lp in dB (A)							
operat. voltage [V]	80	100	125	150	170	190	230
inlet	42	48	54	59	61	64	67
discharge	43	50	55	60	63	66	69

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	47	43	43	48	45	40	39	34	50
100	52	49	50	54	51	47	46	41	56
125	57	55	55	60	57	53	52	47	62
150	61	60	60	64	62	58	56	52	67
170	63	62	63	66	65	61	59	54	69
190	65	65	65	69	67	64	62	57	72
230	68	68	638	72	71	68	65	61	75

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	49	44	45	50	46	42	40	35	51
100	54	51	51	56	53	49	47	42	58
125	59	57	57	61	59	55	53	48	63
150	62	61	62	66	64	60	58	53	68
170	65	64	64	68	67	63	61	56	71
190	67	66	67	70	69	66	64	59	74
230	70	70	70	74	73	70	67	62	77

D 770/E 65

*sound pressure level Lp in dB (A)							
operat. voltage [V]	80	100	125	150	170	190	230
inlet	46	51	57	62	64	67	70
discharge	47	53	59	63	66	69	72

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	50	47	47	52	49	45	43	38	54
100	55	52	53	57	55	50	49	44	59
125	60	58	58	63	61	57	55	50	65
150	63	63	63	67	65	62	60	55	70
170	65	65	65	69	68	64	62	58	72
190	67	67	68	71	70	67	65	60	75
230	70	71	71	74	74	70	68	63	78

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	52	48	49	53	50	46	44	40	55
100	56	54	54	59	56	52	50	46	61
125	61	60	60	64	62	58	57	52	67
150	65	64	65	68	67	63	61	57	71
170	67	67	67	71	70	66	64	59	74
190	69	69	70	73	72	69	67	62	77
230	72	73	73	76	76	72	70	65	80

D 770/E 80

*sound pressure level Lp in dB (A)							
operat. voltage [V]	80	100	125	150	170	190	230
inlet	45	53	61	66	68	70	72
discharge	46	55	62	68	70	72	75

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	52	46	46	51	48	44	42	37	53
100	57	55	55	59	57	53	51	46	61
125	62	62	62	66	64	61	59	54	69
150	67	67	67	71	70	66	64	59	74
170	69	69	69	73	72	69	67	62	76
190	69	70	70	74	73	70	68	63	78
230	72	73	73	76	76	73	71	66	80

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
80	51	48	48	53	49	45	44	39	54
100	58	56	56	61	58	54	53	48	63
125	64	63	64	68	66	62	60	55	70
150	69	69	69	73	72	68	66	61	76
170	70	71	71	75	74	71	69	64	78
190	71	72	72	76	75	72	70	65	80
230	74	75	75	79	78	75	73	68	83

sound data for FISCHBACH-Compact-Fan
type: D + DS = double inlet

D 640/D 500

*sound pressure level Lp in dB (A)					
operat. voltage [V]	120	180	230	280	400
inlet	53	60	63	66	68
discharge	54	61	65	68	70

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]	**discharge side: sound power level Lw in dB (linear)** at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200	oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	56	55	55	58	55	53	50	44	62	**120**	56	55	55	60	58	52	52	48	62
180	63	62	63	65	65	60	58	55	67	**180**	62	64	63	67	65	63	60	54	69
230	65	66	65	68	68	65	63	58	71	**230**	65	65	66	70	69	65	64	58	75
280	67	68	68	71	70	67	64	60	74	**280**	68	69	71	72	72	68	66	62	76
400	69	70	70	72	72	69	66	62	77	**400**	70	71	72	75	75	71	68	64	78

DS 6-740/D 500

*sound pressure level Lp in dB (A)					
operat. voltage [V]	120	180	230	280	400
inlet	52	60	64	66	67
discharge	54	62	65	68	71

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]	**discharge side: sound power level Lw in dB (linear)** at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200	oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	55	55	56	58	55	52	50	44	61	**120**	55	56	57	60	58	52	52	48	62
180	63	62	64	65	65	60	58	55	67	**180**	62	64	63	67	65	63	60	54	69
230	66	66	66	68	67	65	63	58	40	**230**	65	65	67	70	69	65	64	58	74
280	67	68	68	71	70	66	64	60	74	**280**	68	68	71	72	72	68	66	62	75
400	68	69	70	72	71	69	66	62	78	**400**	71	71	72	75	74	71	67	64	76

D 730/D 500

*sound pressure level Lp in dB (A)					
operat. voltage [V]	120	180	230	280	400
inlet	54	61	63	66	67
discharge	53	62	65	68	70

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]	**discharge side: sound power level Lw in dB (linear)** at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200	oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	56	54	55	57	55	52	50	43	62	**120**	55	55	56	60	58	52	51	48	62
180	62	62	62	65	64	60	59	54	67	**180**	61	64	63	67	65	63	60	54	69
230	66	66	65	68	68	65	63	58	71	**230**	65	65	67	69	69	66	64	58	75
280	67	68	68	71	69	67	64	60	74	**280**	68	69	71	72	72	68	66	62	76
400	68	70	69	72	71	69	67	62	77	**400**	70	71	72	74	75	72	68	64	78

sound data for FISCHBACH-Compact-Fan
type: D + DS = double inlet

D 670/D 500

*sound pressure level Lp in dB (A)					
operat. voltage [V]	120	180	230	280	400
inlet	54	61	63	67	69
discharge	55	62	65	69	72

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	57	56	56	59	56	54	51	45	63
180	64	63	63	65	65	60	58	55	67
230	65	66	66	67	68	65	64	59	71
280	68	69	68	71	71	68	64	60	75
400	69	70	71	72	72	69	67	63	77

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	58	56	55	61	59	53	52	50	63
180	62	64	64	68	65	64	60	55	69
230	66	66	66	70	69	65	65	58	76
280	68	69	71	72	73	68	66	63	77
400	71	71	73	75	75	72	69	65	78

DS 6-770/D 850
DS 6-770/D 1

*sound pressure level Lp in dB (A)					
operat. voltage [V]	120	180	230	280	400
inlet	56	63	67	70	72
discharge	57	65	69	72	74

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	58	57	57	61	59	55	53	49	64
180	65	64	65	68	67	63	61	57	71
230	67	68	68	71	71	67	65	60	75
280	69	70	71	74	73	70	68	63	78
400	71	72	73	76	76	72	70	65	80

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	60	58	59	63	61	57	55	50	65
180	66	66	66	70	69	65	63	58	73
230	69	69	70	73	72	69	67	62	77
280	71	72	73	76	75	72	70	65	80
400	73	74	75	78	78	74	72	67	82

D 770/D 850
D 770/D 1

*sound pressure level Lp in dB (A)					
operat. voltage [V]	120	180	230	280	400
inlet	58	65	69	72	74
discharge	59	67	71	74	77

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	60	59	59	63	61	57	56	51	66
180	66	66	66	70	69	65	63	58	73
230	69	69	70	73	73	69	67	62	77
280	71	72	72	76	75	72	70	65	80
400	73	75	75	78	78	75	73	68	82

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	62	61	61	65	63	59	57	52	67
180	68	68	68	72	71	67	65	60	75
230	71	71	72	75	74	71	69	64	79
280	73	74	75	78	77	74	72	67	82
400	75	77	77	80	80	77	75	70	85

sound data for FISCHBACH-Compact-Fan
type: D + DS = double inlet

D 970/D 2
DS 8-970/D 2

*sound pressure level Lp in dB (A)					
operat. voltage [V]	120	180	230	280	400
inlet	55	61	66	69	74
discharge	57	63	68	71	76

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	58	56	57	61	59	55	53	48	63
180	63	62	62	66	65	61	59	54	69
230	67	67	67	71	70	66	64	59	74
280	69	70	70	74	73	70	68	63	77
400	73	75	75	78	78	75	73	67	82

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	60	58	58	62	60	56	55	50	65
180	65	64	64	68	67	63	61	56	71
230	69	69	69	73	72	68	66	61	76
280	71	72	72	76	75	72	70	65	79
400	75	77	77	80	80	77	75	70	84

DS 9-070/D 2.5

*sound pressure level Lp in dB (A)					
operat. voltage [V]	120	180	230	280	400
inlet	56	65	70	72	77
discharge	58	67	72	75	79

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	59	57	57	62	60	56	54	49	64
180	66	66	66	70	69	65	63	58	73
230	69	70	70	74	73	70	68	63	78
280	72	73	73	76	76	73	71	66	80
400	75	77	78	81	81	78	75	70	85

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	60	59	59	63	61	57	56	51	66
180	68	68	68	72	71	67	65	60	75
230	71	72	72	76	75	72	70	65	80
280	74	75	75	79	78	75	73	68	83
400	77	80	80	83	83	80	78	73	87

DS 9-070/D 5

*sound pressure level Lp in dB (A)					
operat. voltage [V]	120	180	230	280	400
inlet	60	70	75	78	81
discharge	63	73	78	81	84

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	62	61	62	65	64	60	58	53	68
180	70	71	71	74	74	71	68	63	78
230	74	75	76	79	79	76	73	68	83
280	76	78	79	81	82	79	76	71	86
400	78	81	81	84	85	82	79	74	89

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	64	64	64	68	66	62	61	56	71
180	72	73	74	77	77	73	71	66	81
230	76	78	78	81	82	78	76	71	86
280	78	81	81	84	85	81	79	74	89
400	81	84	84	87	88	85	82	77	92

sound data for FISCHBACH-Compact-Fan
type: D + DS = double inlet

DS 8-980/D 2.5

*sound pressure level Lp in dB (A)					
operat. voltage [V]	120	180	230	280	400
inlet	55	64	69	72	76
discharge	57	66	70	74	78

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	58	56	57	61	59	55	53	48	63
180	65	65	65	69	68	64	62	57	72
230	69	69	70	73	72	69	67	62	77
280	71	73	73	76	76	72	70	65	80
400	75	77	77	80	80	77	75	70	84

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	60	58	58	63	60	57	55	50	65
180	67	67	67	71	69	66	64	59	74
230	71	71	71	75	74	71	69	64	78
280	73	75	75	78	78	75	72	67	82
400	77	79	79	82	82	79	77	72	86

DS 9-001/D 5

*sound pressure level Lp in dB (A)					
operat. voltage [V]	120	180	230	280	400
inlet	60	70	75	78	81
discharge	62	72	77	80	84

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	62	61	61	65	63	60	58	53	68
180	70	71	71	74	74	71	68	63	78
230	74	75	76	79	79	76	73	68	83
280	76	78	79	81	82	79	76	71	86
400	78	81	82	84	85	82	80	75	89

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	63	63	63	67	65	61	59	55	70
180	72	73	73	76	76	73	70	65	80
230	76	78	78	81	81	78	76	70	85
280	78	80	81	84	84	81	79	73	88
400	81	84	84	87	88	85	82	77	92

DS 0-101/TD 10

*sound pressure level Lp in dB (A)					
operat. voltage [V]	120	180	230	280	400
inlet	66	74	79	81	84
discharge	68	76	81	84	87

* related to room absorption of 8 db (25m² Sabine), at free air! measured in distance of 3 m

inlet side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	67	67	67	71	70	66	64	59	74
180	73	75	75	75	78	75	73	68	82
230	77	79	79	79	83	80	77	72	87
280	79	82	82	82	85	82	80	75	89
400	81	85	85	85	88	86	83	78	92

discharge side: sound power level Lw in dB (linear) at mid frequency in Hz (at free air!)									A-weighted [dB(A)]
oper. volts [V]	63	125	250	500	1000	2000	4000	8000	total 45-11200
120	68	69	69	72	72	68	66	61	76
180	75	77	77	80	80	77	75	70	84
230	79	81	82	84	85	82	79	74	89
280	81	84	84	87	88	85	82	77	92
400	83	87	87	90	91	88	85	80	95