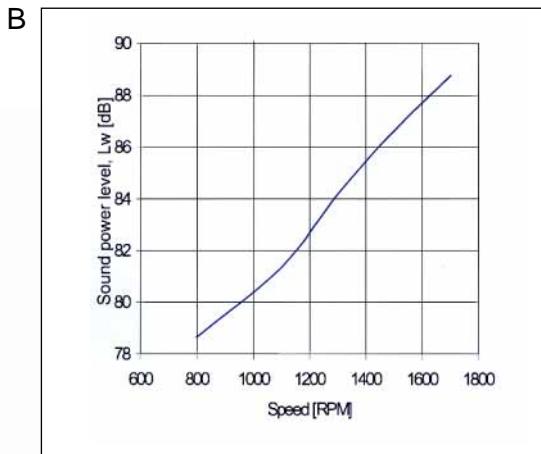
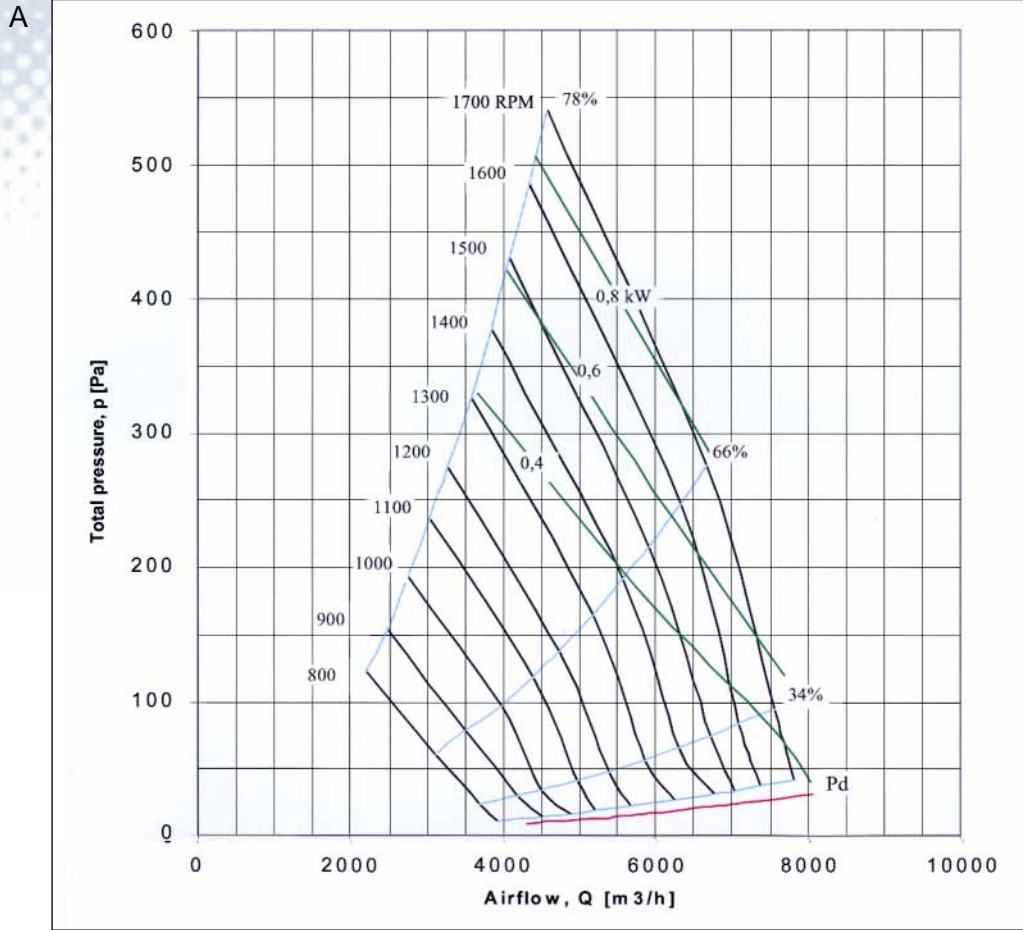


- BIL 500 A - Capacity & sound data

Standard motorpower at 50Hz and 1440 RPM, 1.1 kW



C

Octave band conversion								
RPM	63	125	250	500	1000	2000	4000	8000
800	-8	-3	-17	-8	-13	-21	-18	-11
900	-7	-3	-16	-7	-12	-20	-17	-13
1000	-7	-4	-15	-6	-12	-19	-16	-15
1100	-7	-5	-15	-5	-12	-19	-16	-17
1200	-6	-6	-11	-6	-10	-18	-16	-20
1300	-6	-7	-9	-7	-9	-17	-16	-23
1400	-5	-8	-8	-7	-9	-17	-17	-25
1500	-4	-9	-8	-7	-10	-17	-19	-28
1600	-4	-10	-9	-6	-9	-16	-19	-28
1700	-4	-11	-11	-5	-9	-16	-20	-29

D

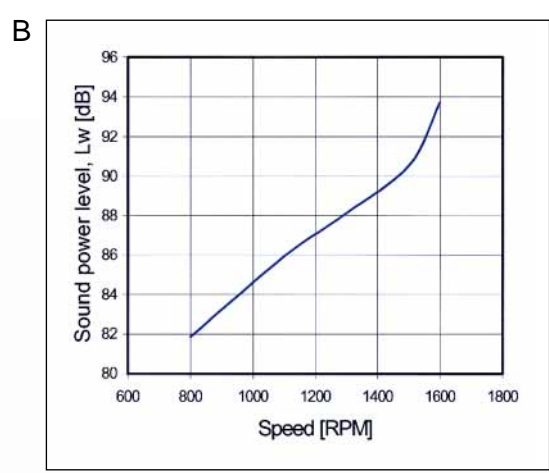
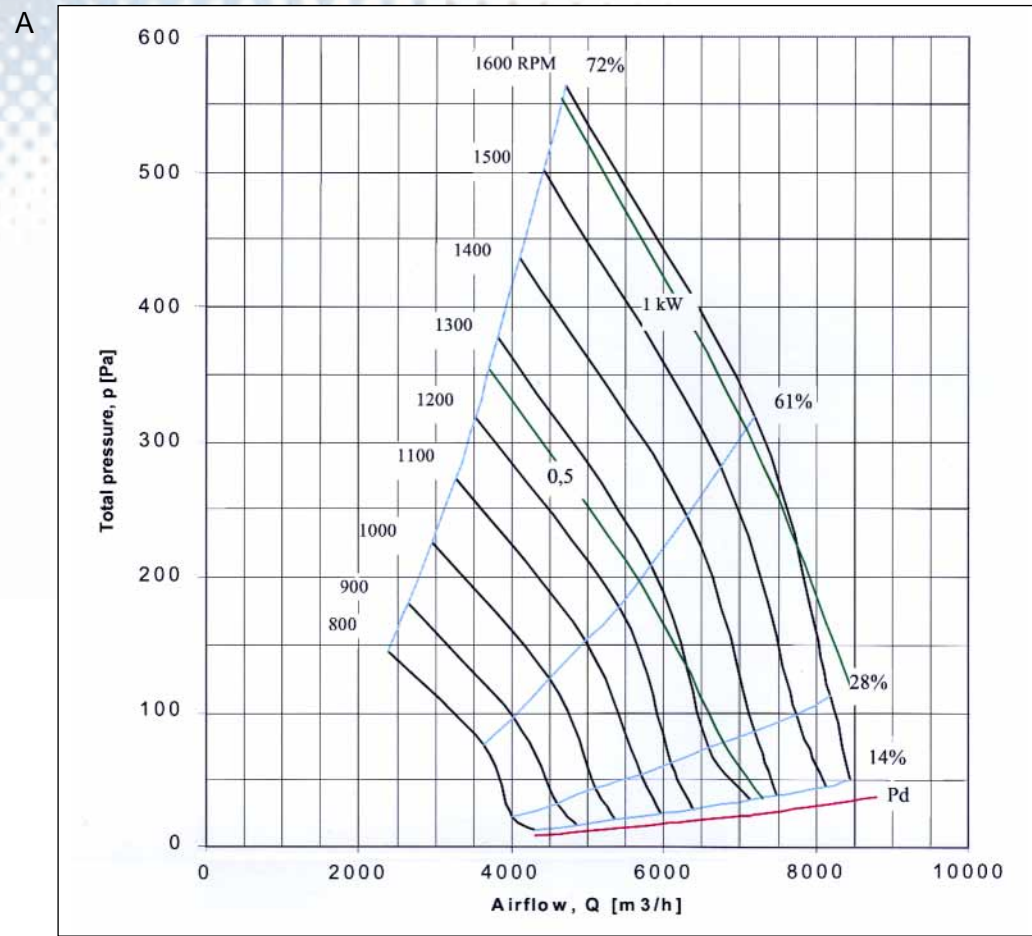
Sound pressure free field, LpA (dB)			
RPM	1m	3m	5m
1700	66	60	57
1500	63	58	55
1300	59	54	52
1000	53	50	47

The graph above gives the sound power level, L_w [dB, ref. 10^{-12} W], in-duct at the highest efficiency. Go to the diagram at right and make corrections at the different frequency bands. The fan test is according to ISO/CD 5136. JLB fanlab. 01.06.01 S.J



- BIL 500 B - Capacity & sound data

Standard motorpower at 50Hz and 1440 RPM, 1.1 kW



C

RPM	Octave band conversion							
	63	125	250	500	1000	2000	4000	8000
800	-10	-4	-19	-4	-13	-22	-21	-15
900	-9	-5	-18	-3	-12	-21	-20	-17
1000	-9	-6	-17	-3	-12	-20	-20	-19
1100	-9	-7	-16	-3	-12	-19	-20	-22
1200	-8	-7	-13	-3	-10	-17	-18	-25
1300	-7	-8	-10	-4	-9	-16	-17	-28
1400	-6	-9	-9	-4	-8	-15	-18	-29
1500	-6	-11	-9	-4	-8	-15	-19	-31
1600	-8	-13	-13	-2	-10	-17	-22	-33

D

RPM	Sound pressure free field, LpA (dB)		
	1m	3m	5m
1700	72	66	63
1500	70	65	62
1300	64	59	57
1000	55	52	49

The graph above gives the sound power level, L_w [dB, ref. 10^{-12} W], in-duct at the highest efficiency. Go to the diagram at right and make corrections at the different frequency bands. The fan test is according to ISO/CD 5136. JLB fanlab. 01.06.01 S.J

