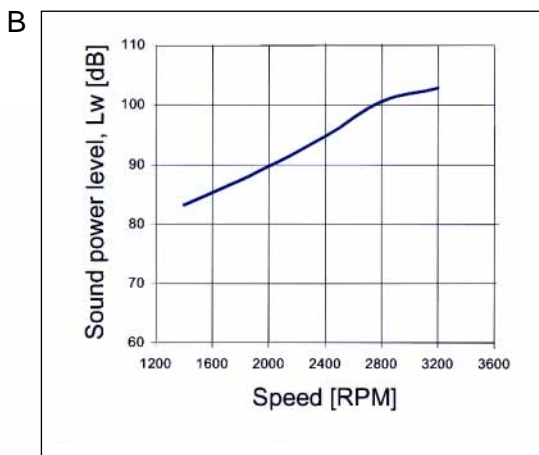
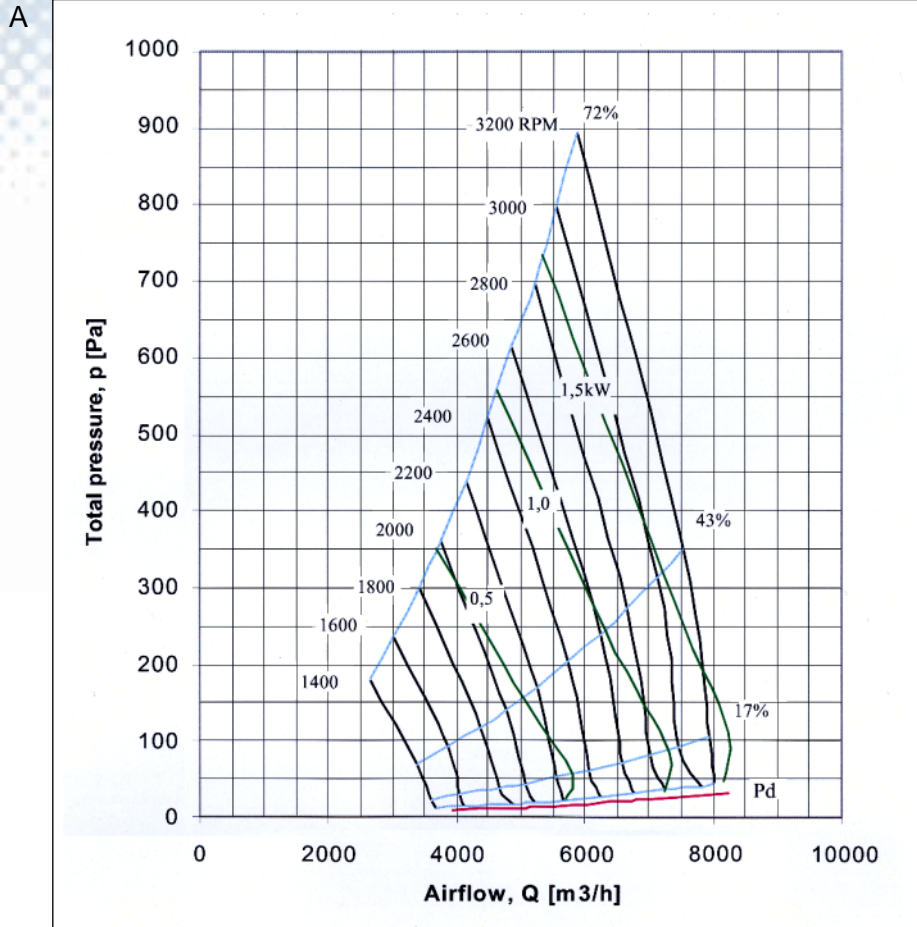


- BIL 400 A -

Capacity & sound data

Standard motorpower at 50Hz and 2850 RPM, 2.2kW



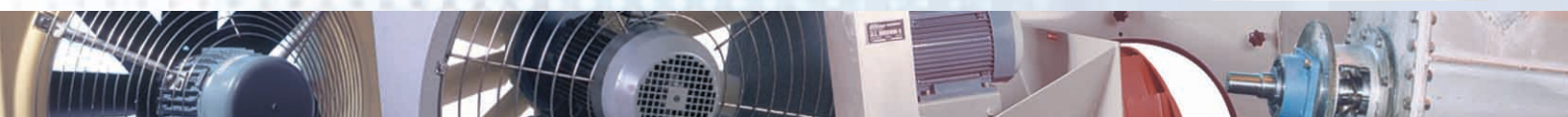
C

RPM	Octave band conversion							
	63	125	250	500	1000	2000	4000	8000
1400	-6	-8	-4	-9	-12	-17	-18	-21
1600	-6	-9	-5	-8	-11	-16	-17	-22
1800	-6	-10	-6	-7	-10	-15	-17	-23
2000	-6	-11	-7	-6	-9	-15	-17	-26
2200	-6	-11	-6	-5	-9	-15	-17	-27
2400	-7	-12	-6	-5	-9	-15	-18	-28
2600	-8	-13	-7	-4	-9	-16	-19	-29
2800	-9	-15	-8	-3	-9	-17	-20	-30
3000	-8	-15	-10	-3	-8	-16	-20	-29
3200	-7	-15	-14	-3	-7	-15	-20	-29

D

RPM	Sound pressure free field, LpA (dB)		
	1m	3m	5m
3100	71	66	64
2800	68	63	61
2200	62	57	55
1400	56	51	49

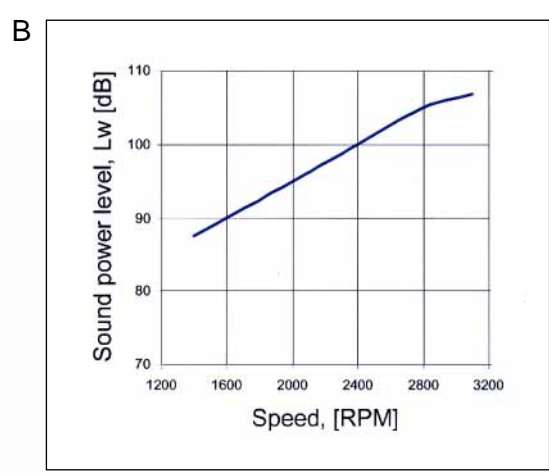
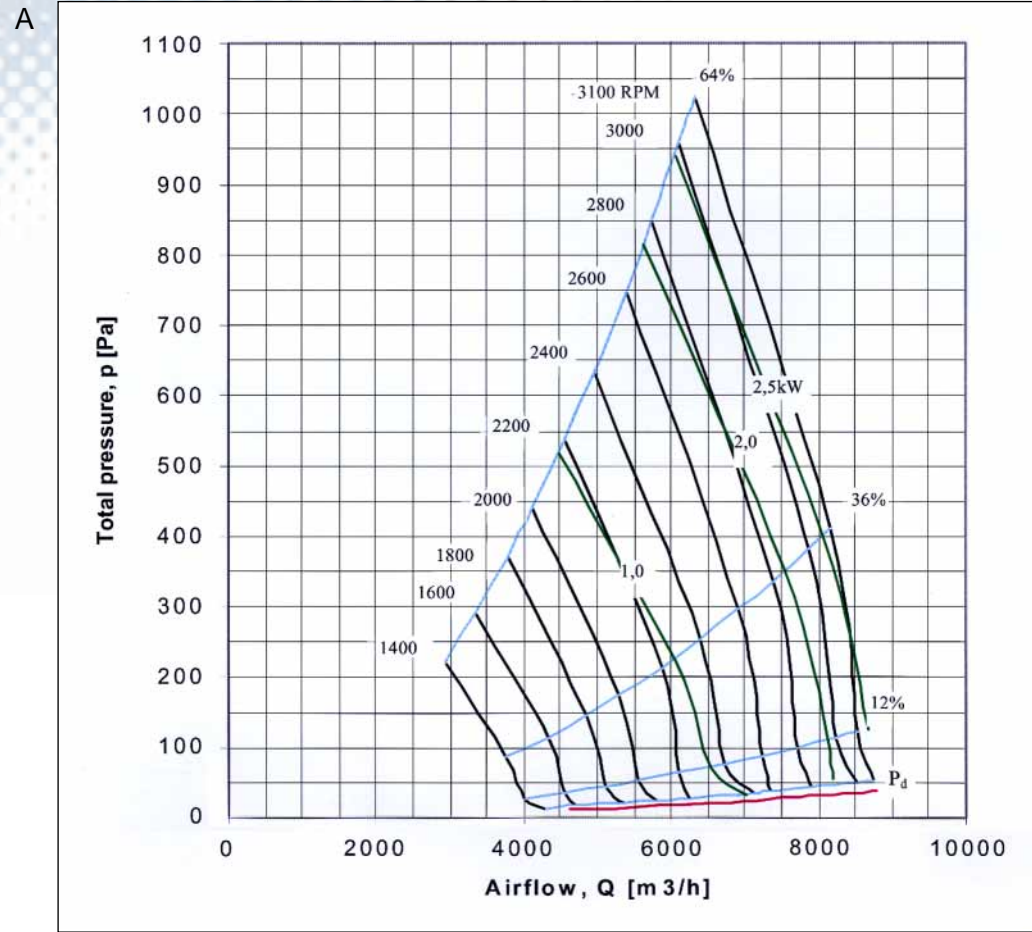
The graph above gives the sound power level, L_w [dB, ref. 10^{-12} W], in-duct at the highest efficiency. Go to the diagram at right and make corrections at the different frequency bands. The fan test is according to ISO/CD 5136. JLB fanlab. 01.06.01 S.J



- BIL 400 B -

Capacity & sound data

Standard motorpower at 50Hz and 2880 RPM, 3.0 kW



C

Octave band conversion								
RPM	63	125	250	500	1000	2000	4000	8000
1400	-7	-8	-5	-7	-10	-16	-24	-22
1600	-7	-9	-6	-6	-9	-15	-23	-23
1800	-7	-10	-7	-5	-8	-14	-22	-25
2000	-7	-12	-9	-5	-7	-13	-21	-28
2200	-7	-12	-8	-5	-7	-13	-20	-29
2400	-8	-13	-7	-5	-7	-13	-20	-31
2600	-9	-14	-8	-4	-7	-13	-20	-32
2800	-10	-15	-9	-3	-7	-13	-20	-33
3000	-9	-15	-11	-3	-6	-12	-19	-32
3100	-9	-15	-13	-3	-6	-12	-19	-32

D

Sound pressure free field, LpA (dB)			
RPM	1m	3m	5m
3100	75	70	68
2800	72	67	65
2200	66	61	59
1400	57	52	50

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

