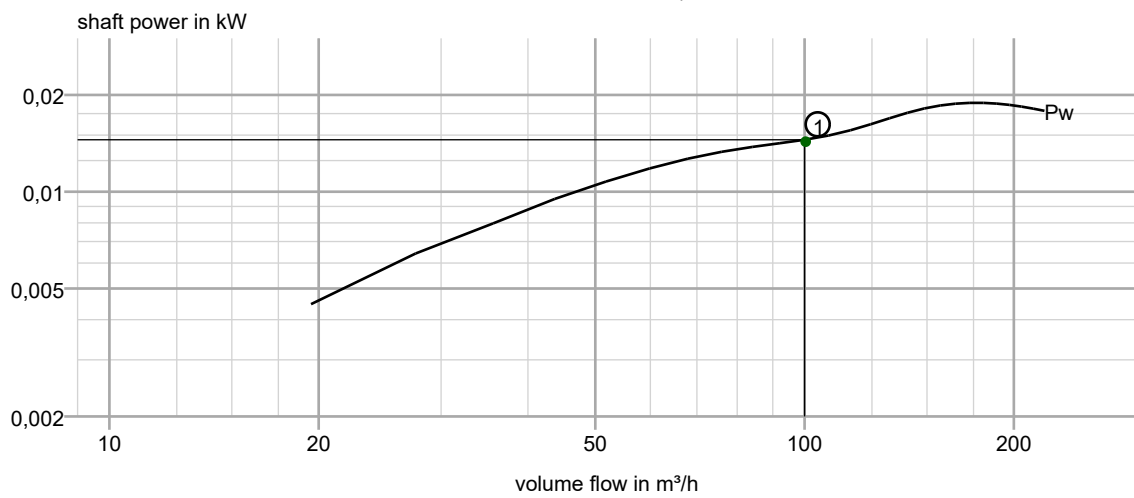
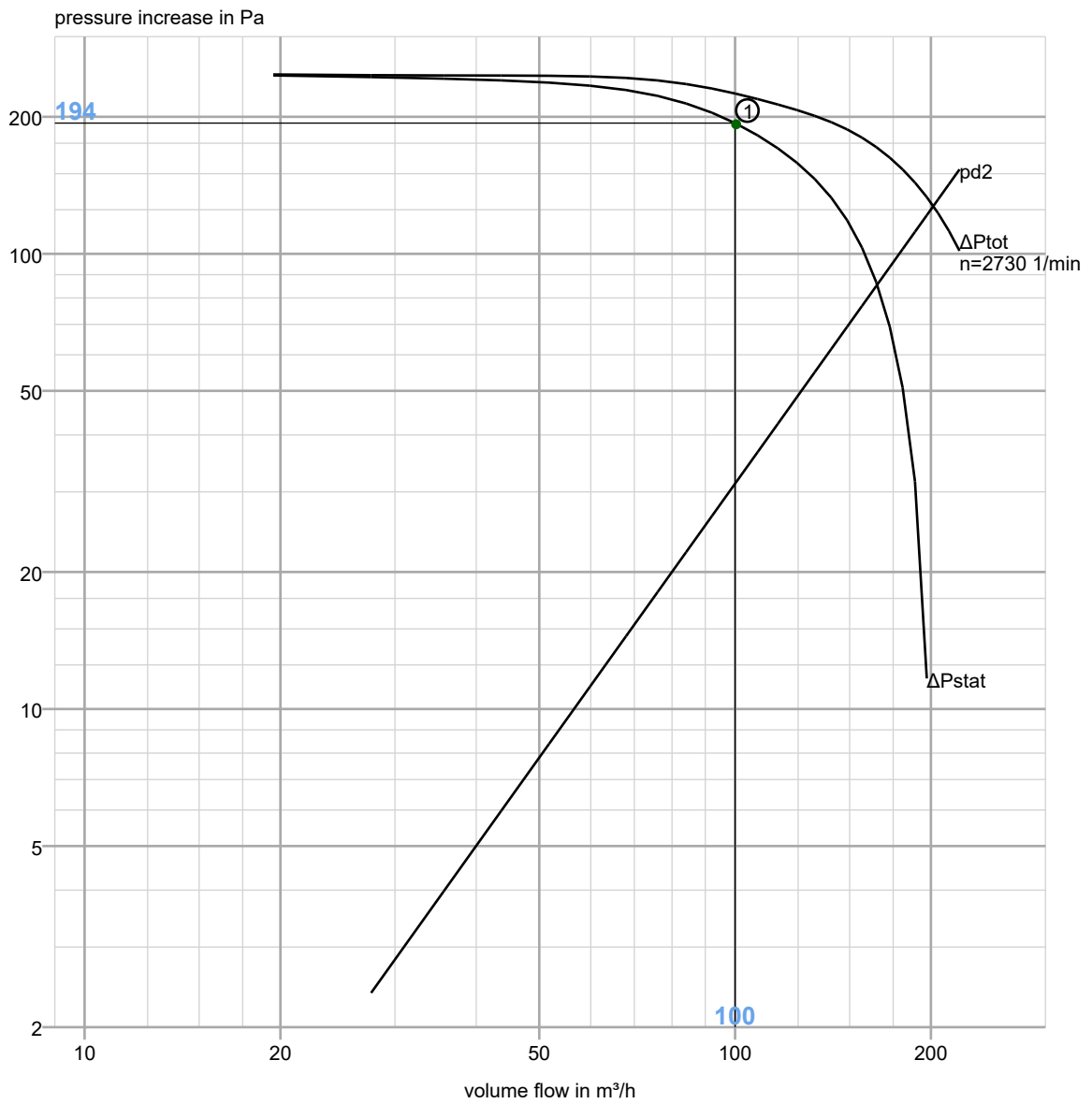


HF-type : HF R 75-16 D / DS



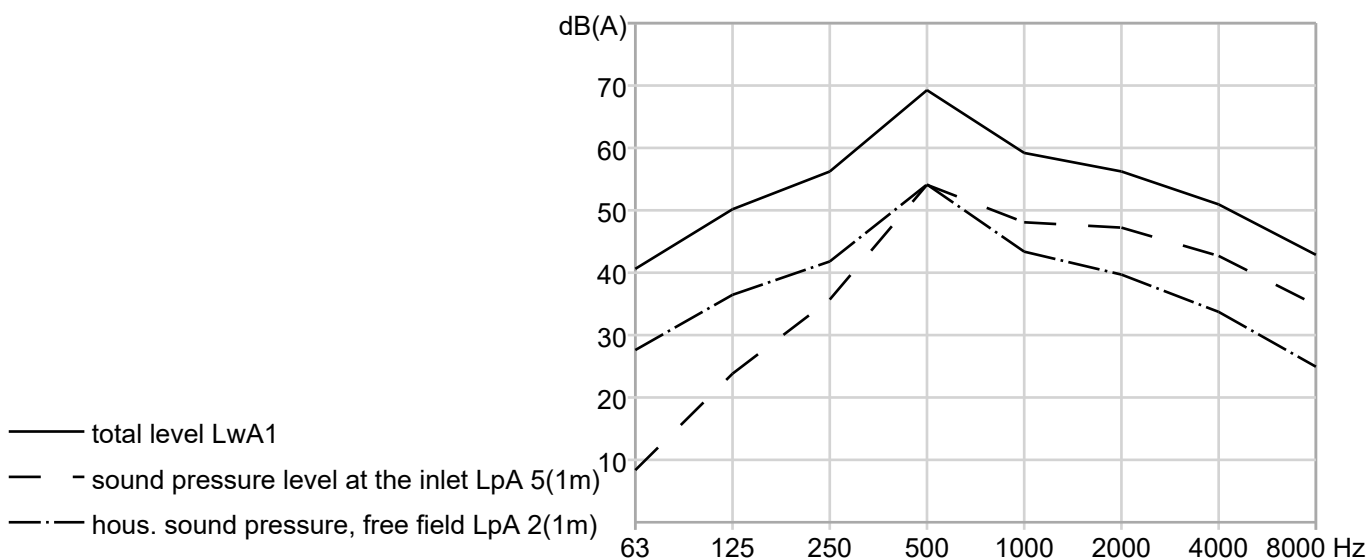
Subject to technical changes!

7 716 49 000 420 0

sound data

make	: Hürner Luft - und Umwelttechnik			
type	: HF R 75-16 D / DS			
housing	: PP-FR 2,5 mm	volume flow	: 100	m ³ /h
inlet diameter	: 70 mm	total pressure difference	: 225	Pa
outlet opening	: 70 mm	medium temperature	: 20	°C
operating speed	: 2730 1/min	medium density	: 1,201	kg/m ³
number of blades	: 10	operat. point V/Vopt	: 0,87	
blade frequency	: 455 Hz	measuring surface	: 15	m ²

basic capacity (VDI 3731)	dB	74,9								
sound adjustment	dB	0								
octave band	Hz	total	63	125	250	500	1000	2000	4000	8000
turning sound adjustment	dB		0	0	0	10	0	0	0	0
Strouhal number	dB		0,4	0,9	1,7	3,5	7	14	28	56
relative spectrum	dB		-8,1	-8,6	-10,1	-12,4	-15,7	-19,9	-25	-30,9
linear total level	dB	74,9	66,8	66,3	64,8	72,5	59,2	55	50	44
A-weighting	dB		-26,2	-16,1	-8,6	-3,2	0	1,2	1	-1,1
housing insulation	dB		-1,2	-1,9	-2,6	-3,3	-4	-4,7	-5,4	-6,1
total level	LwA 1 dB(A)	70	41	50	56	69	59	56	51	43
housing level	LwA 2 dB(A)	67	39	48	54	66	55	52	46	37
inlet level of the duct	LwA 3 dB(A)	70	41	50	56	69	59	56	51	43
outlet level of the duct	LwA 4 dB(A)	70	41	50	56	69	59	56	51	43
free inlet level	LwA 5 dB(A)	64	16	32	44	62	56	55	51	43
free outlet level	LwA 6 dB(A)	64	16	32	44	62	56	55	51	43
housing and free inlet level	LwA 7 dB(A)	69	39	48	54	67	59	57	52	44
housing and free outlet level	LwA 8 dB(A)	69	39	48	54	67	59	57	52	44
free outlet level	LwA 6 dB(A)	64 / 71		(without motor/with motor)						
hous. sound pressure, free field LpA 2(1m)	dB(A)	55 / 61		(without motor/with motor)						
sound level motor	LwA dB(A)	70								



Sound values without consideration of the motor
 Subject to technical changes!

