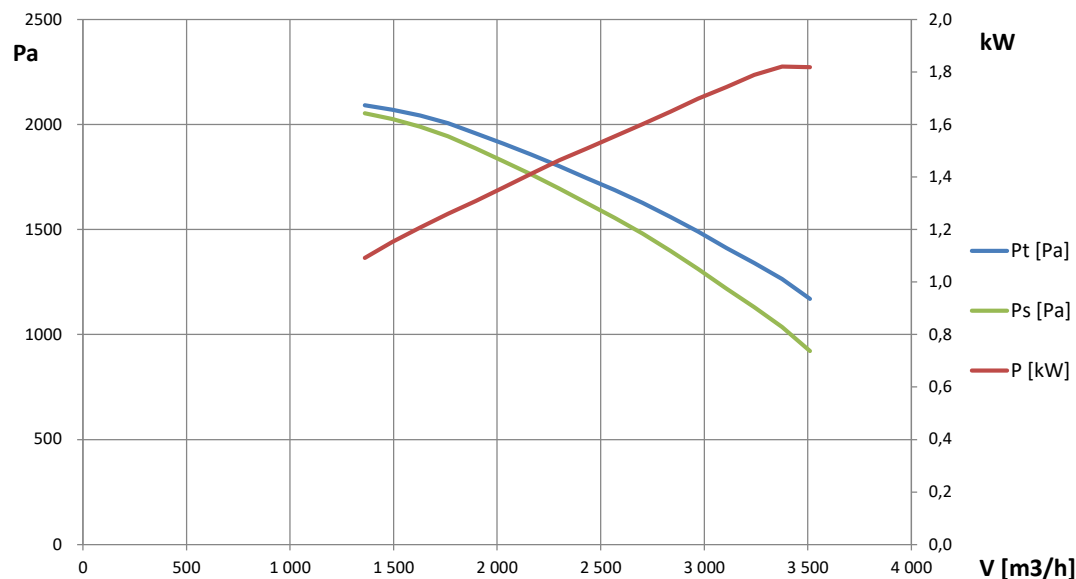


Fan Type	Fan efficiency [%]	Total pressure Pt [Pa]	Dynamic pressure in outlet Pd [Pa]	Static pressure increase dPs [Pa]	Motor power consumption [kW]	Impeller rpm
NCF 20/18 56-R 224 2,2kW	78,8	1920	80	1839	1,4	2905

Air temperature	20 °C
Relative under pressure in inlet	0 Pa
Actual air density in fan inlet	1,20 kg/m ³
Actual air volume	2 000 Am ³ /h
Fan inlet diameter	224 mm
Actual inlet speed	14,1 m/s

Noise level	
Distance [m]	1
No of planes of reflection =	1
Reflection space factor =	2



Noise level of selected fans									
frequency Hz									
63	125	250	500	1000	2000	4000	8000	Total	
79,2	75,8	88,4	78,8	79,1	73,4	72,5	68,9	90,1	Lw dB (open inl.&out.)
45,2	51,8	71,4	67,8	71,1	66,4	65,5	59,9	76,2	Lp dB(A) in 1 m (open inl. & out.)
31,2	39,8	58,4	55,8	59,1	55,4	54,5	48,9	64,2	Lp dB(A) in 1 m (ducted inl. & out.)
24,2	27,8	42,4	34,8	37,1	32,4	31,5	26,9	44,8	Lp dB(A) in 1 m (ducted inl. & out. fan in sound-box)