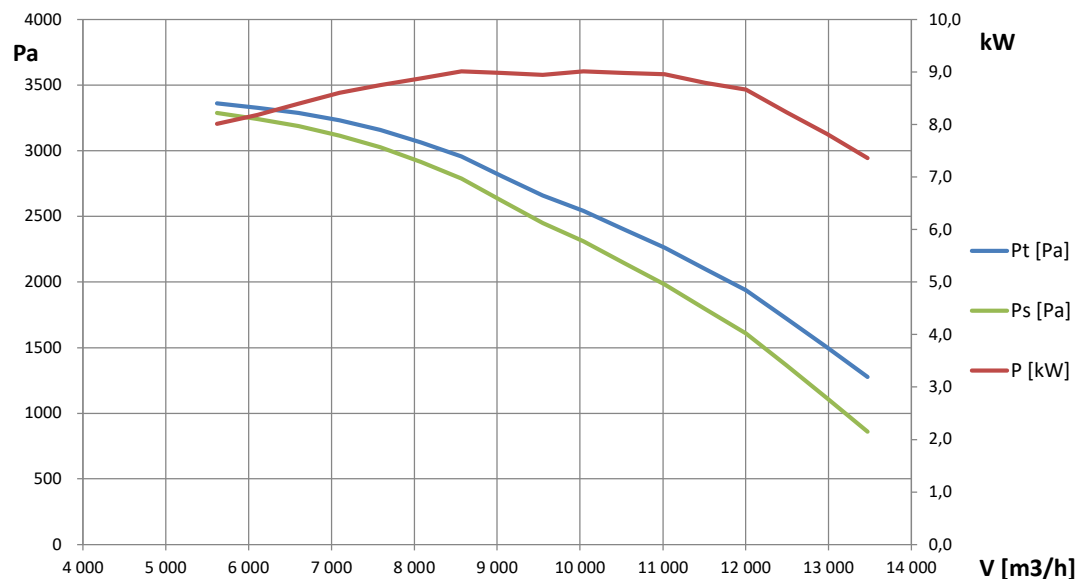


Fan Type	Fan efficiency [%]	Total pressure Pt [Pa]	Dynamic pressure in outlet Pd [Pa]	Static pressure increase dPs [Pa]	Motor power consumption [kW]	Impeller rpm
NCF 95/26 71-R 400 11,0kW	77,1	6716	207	6508	23,0	2950

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	9 500 Am ³ /h
Fan inlet diameter	400 mm
Actual inlet speed	21,0 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	
88,4	86,1	95,8	89,3	87,7	83,3	81,0	78,5	98,3	Lw dB (open inl.&out.)
54,4	62,1	78,8	78,3	79,7	76,3	74,0	69,5	85,0	Lp dB(A) in 1 m (open inl. & out.)
42,4	51,1	65,8	61,3	65,7	69,3	64,0	56,5	73,1	Lp dB(A) in 1 m (ducted inl. & out.)
35,4	39,1	49,8	40,3	43,7	46,3	41,0	34,5	53,0	Lp dB(A) in 1 m (ducted inl. & out. fan in sound-box)