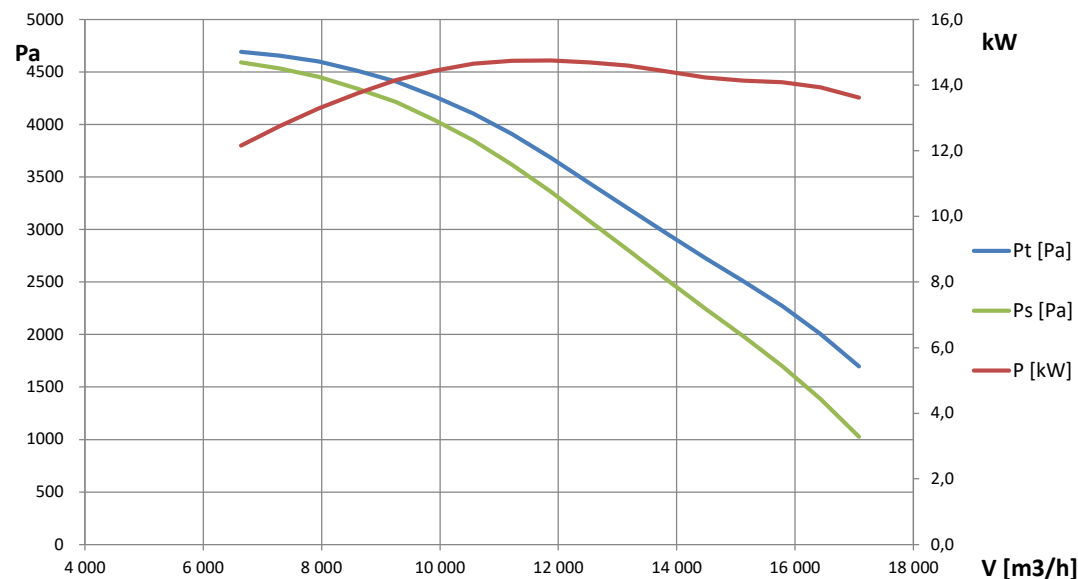


Fan Type	Fan efficiency [%]	Total pressure Pt [Pa]	Dynamic pressure in outlet Pd [Pa]	Static pressure increase dPs [Pa]	Motor power consumption [kW]	Impeller rpm
NCF 110/38 63-R 400 15,0kW	82,2	3972	278	3694	14,8	2925

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	11 000 Am ³ /h
Fan inlet diameter	400 mm
Actual inlet speed	24,3 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	
91,6	91,0	98,8	91,8	90,0	85,4	85,2	78,6	101,3	Lw dB (open inl.&out.)
57,6	67,0	81,8	80,8	82,0	78,4	78,2	69,6	87,6	Lp dB(A) in 1 m (open inl. & out.)
48,6	51,0	67,8	68,8	70,0	65,4	68,2	58,6	75,4	Lp dB(A) in 1 m (ducted inl. & out.)
41,6	39,0	51,8	47,8	48,0	42,4	45,2	36,6	55,5	Lp dB(A) in 1 m (ducted inl. & out. fan in sound-box)