

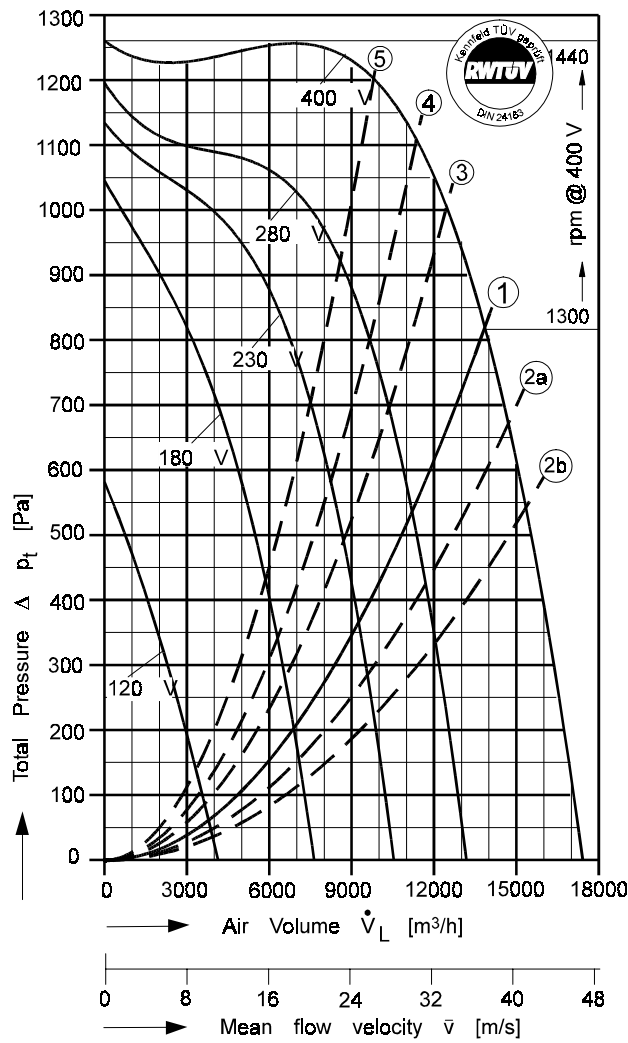
Type: DS = Double Inlet

Performance / Dimensions



Type: DS 9-070/D 5 [400V 3N~ 50 Hz]  
Protection type: IP 65

For sound data please see extra pages.



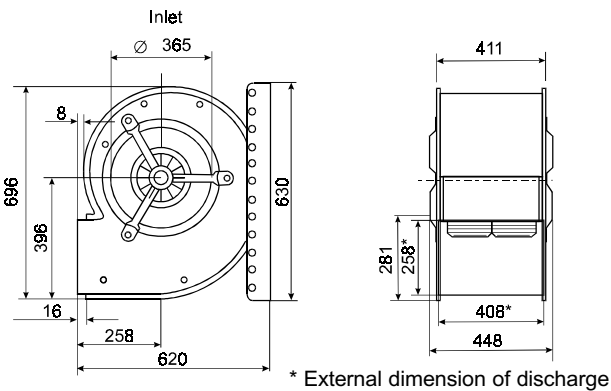
$P_{max} = 9,14 \text{ kW}$      $I_A / I_N = 2,8$      $I_{max} = 17,81 \text{ A}$

- ① System curve for dynamical pressure part related to fan discharge surface of 0,1032 m<sup>2</sup>. System curve incl. pressure regain by means of TRANSITION PIECE (square to round, FISCHBACH accessory) with connected duct. Duct length: 1,0 m.
- ②a System curve incl. pressure regain by means of DIFFUSER ANGLE FRAME (FISCHBACH accessory) with connected duct. Duct length: 3,0 m.
- ②b System curve incl. pressure regain by means of DIFFUSER ANGLE FRAME (FISCHBACH accessory) with connected duct. Duct length: 3,0 m.
- ③ For operating points above that curve a maximum air temperature of 30°C is allowed.
- ④ For operating points above that curve a maximum air temperature of 40°C is allowed.
- ⑤ For operating points above that curve a maximum air temperature of 50°C is allowed.

Voltage [V]	Air Volume $\dot{V}_L$ [m <sup>3</sup> /h] @ $\rho = 1,2 \text{ kg/m}^3$ and Current [A] (bold figures, 2nd. line)							
	Free Air	Total Pressure $\Delta p_t$ [Pa]						
		300	500	700	900	1000	1100	1200
120	3855 11,74	2290 10,59	760 9,48					
180	6830 16,69	6490 16,00	5490 14,10	4130 11,85	2030 9,13			
230			8660 17,54	7530 15,36	5730 12,23	3930 9,64		
280				10330 17,83	8810 15,05	7540 13,18	2870 7,78	
400						12510 17,81	11470 16,58	9850 14,73

Save power and even more silent with FISCHBACH SPEED CONTROLLERS FISCHBACH AUTOMATIC CONTROLLERS		
Voltage Control	Type*	Order-No.*
Stepless, 0 - 100% and 100% - 0	FDR 200/3	6235
Stepwise, 5 Steps	FDR 20/3	6177
FISCHBACH AUTOMATIC CONTROL**	FRA 200/3	6285
Frequency Inverter	on request	

\* For further details see resp. catalogue pages  
\*\* For details of sensors etc., on request



The Silent One

In the above diagram the **TOTAL** pressure (the sum of the dynamic and static pressures) is shown in relation to the air volume, dynamic pressure is shown below system line No.1. Static pressure is shown above that line.

To regain static pressure and reduce dynamic pressure connect a suitable transition piece on the fan outlet.

**We do not guarantee for fans not being operated in consideration of those restrictions.**