

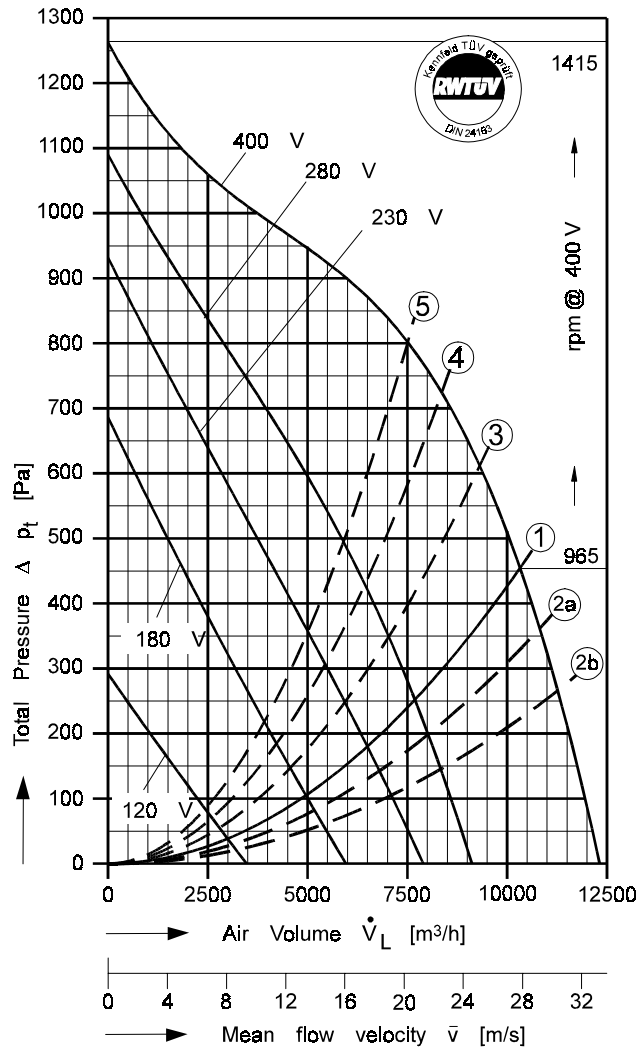
Type: DS = Double Inlet

Performance / Dimensions



Type: DS 9-070/D 2.5 [400 V 3N~ 50 Hz]

Protection type: IP 65



$P_{max} = 5,60 \text{ kW}$ $I_A / I_N = 2,2$ $I_{max} = 11 \text{ A}$

- ① System curve for dynamical pressure part related to fan discharge surface of 0,1032 m². For operating points above that curve a max. air temperature of 30°C is allowed. (Curve for free blowing fan).
- ②a System curve incl. pressure regain by means of TRANSITION PIECE (square to round, FISCHBACH accessory) with connected duct. Duct length: 1,0 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 40°C is allowed.
- ④ For operating points above that curve a maximum air temperature of 50°C is allowed.
- ⑤ For operating points above that curve a maximum air temperature of 60°C is allowed.

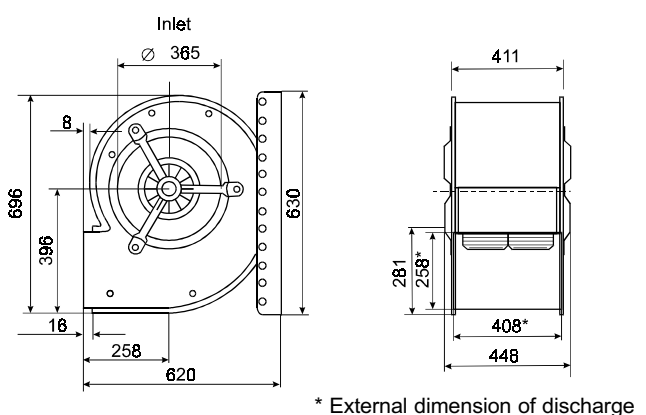
For sound data please see extra pages.

Voltage [V]	Air Volume \dot{V}_L [m ³ /h] @ $\rho = 1,2 \text{ kg/m}^3$ and Current [A] (bold figures, 2nd. line)							
	Free Air	Total Pressure Δp_t [Pa]						
		200	400	600	700	800	900	1000
120	3005 5,01	1060 4,50						
180	4955 6,97	4080 6,48	2330 5,66	680 5,13				
230	6340 8,25	6330 8,25	4630 7,07	2850 5,99	1960 5,56	1100 5,22		
280	7595 9,30		6660 8,44	4950 7,13	3960 6,52	2900 5,97	1830 5,51	830 5,15
400	10250 11,00			9400 10,36	8590 9,71	7530 8,93	5980 7,95	3740 6,84

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 120/3	6233
Stepwise, 5 Steps	FDR 11.3/3	6185
FISCHBACH AUTOMATIC CONTROL**	FRA 120/3	6283
Frequency Inverter FFU	on request	

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



* External dimension of discharge



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.