

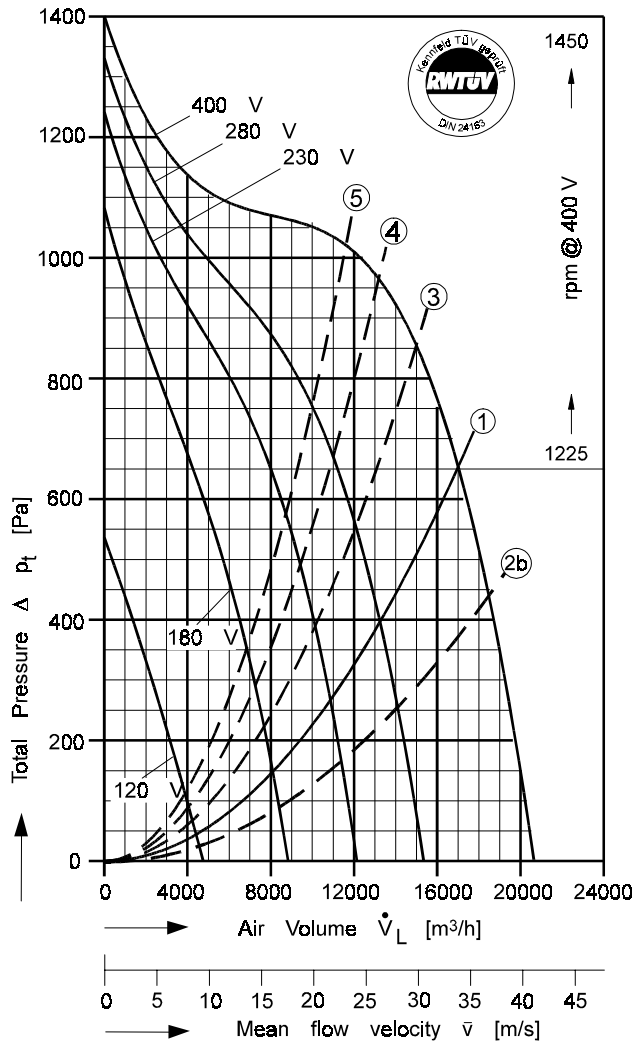
Type: DS = Double Inlet

Performance / Dimensions



Type: DS 9-001/D 5 [400V 3N~ 50 Hz]

Protection type: IP 65



$P_{max} = 9,92 \text{ kW}$      $I_A / I_N = 2,8$      $I_{max} = 18,49 \text{ A}$

- ① System curve for dynamical pressure part related to fan discharge surface of 0,1395 m<sup>2</sup>.
- ②b System curve incl. pressure regain by means of DIFFUSER ANGLE FRAME (FISCHBACH accessory) with connected duct. Duct length: 3,4 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.

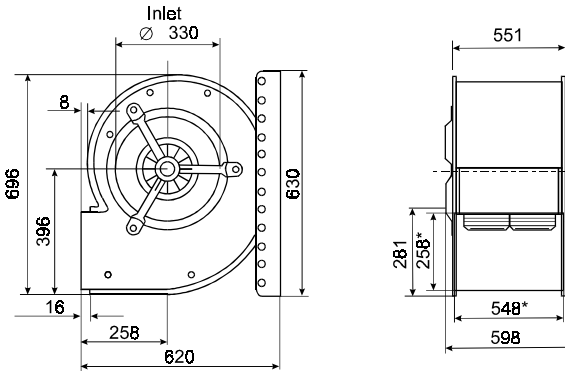
For sound data please see extra pages.

Voltage [V]	Air Volume $\dot{V}_L$ [m <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]						
		200	400	600	800	900	1000	1200
120	4435 10,99	3160 10,36	1370 9,27					
180	8040 15,79	7810 15,42	6510 13,50	4780 11,39	2640 9,47	1600 8,80		
230			10070 17,09	8500 14,38	6070 11,09	4370 9,40	2700 8,21	
280				11690 17,24	9330 13,64	7420 11,31	4910 9,01	1370 7,13
400						14360 17,05	12310 14,85	2560 8,68

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 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.**