

Type: DS = double inlet

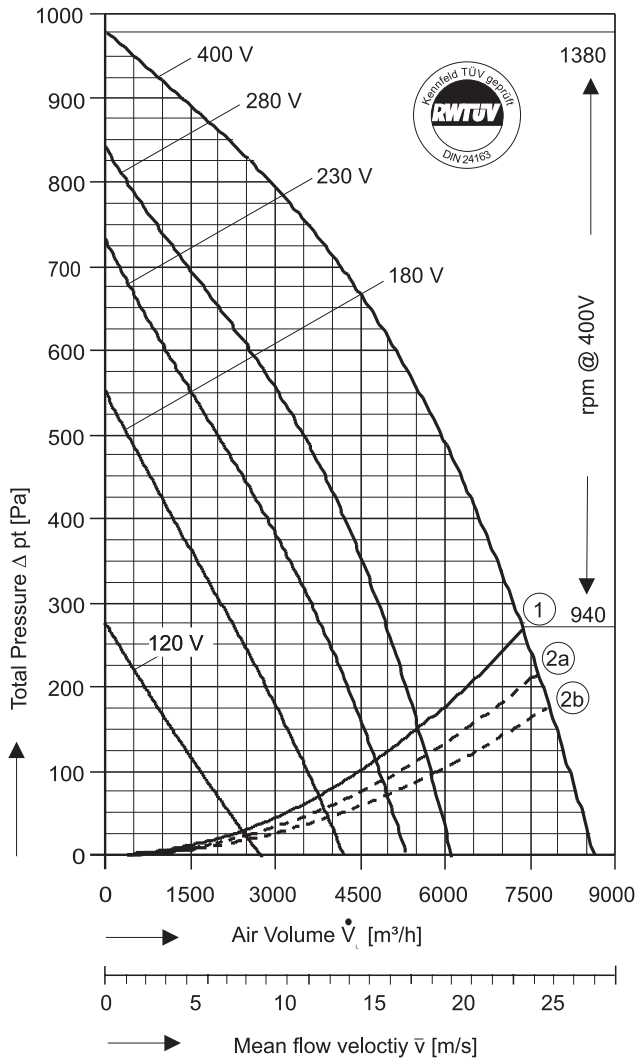
Performance / Dimensions



Type: DS 8-970/D 2 [400V 3N~ 50Hz]

Protection type: IP 65

For sound data please see extra pages.



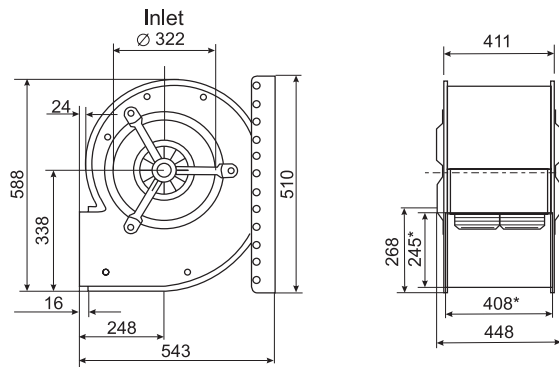
$P_{max} = 3,45 \text{ kW}$ $I_A / I_N = 1,7$ $I_{max} = 6,75A$

- ① System curve for dynamical pressure part related to fan discharge surface of 0,097 m².
Max. permissible air temperature: 60°C.
- ②a System curve incl. pressure regain by means of TRANSITION PIECE (square to round, FISCHBACH accessory) with connected duct.
- ②b System curve incl. pressure regain by means of DIFFUSER ANGLE FRAME (FISCHBACH accessory) with connected duct.

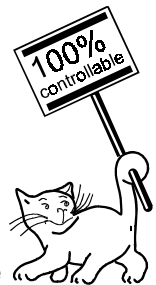
Voltage [V]	Air Volume \dot{V} [m ³ /h] @ $\rho = 1,2 \text{ kg/m}^3$ and Current [A] (bold figures, 2nd. line)							
	Free Air	Total Pressure Δp_t [Pa]						
		200	300	400	500	600	700	750
120	2411 3,08	698 2,69						
180	3750 4,26	2841 3,92	2038 3,62	1201 3,30				
230	4750 5,06	4281 4,81	3629 4,47	2858 4,09	1980 3,68	1074 3,28		
280	5550 5,73	5315 5,56	4820 5,22	4228 4,84	3494 4,40	2562 3,91	1454 3,40	
400	7365 6,75		7201 6,64	6611 6,25	5933 5,82	5133 5,36	4157 4,84	3577 4,55

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 80/3	6232
Stepwise, 5 Steps	FDR 8.0/3	6183
FISCHBACH AUTOMATIC CONTROL**	FRA 80/3	6282
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.