

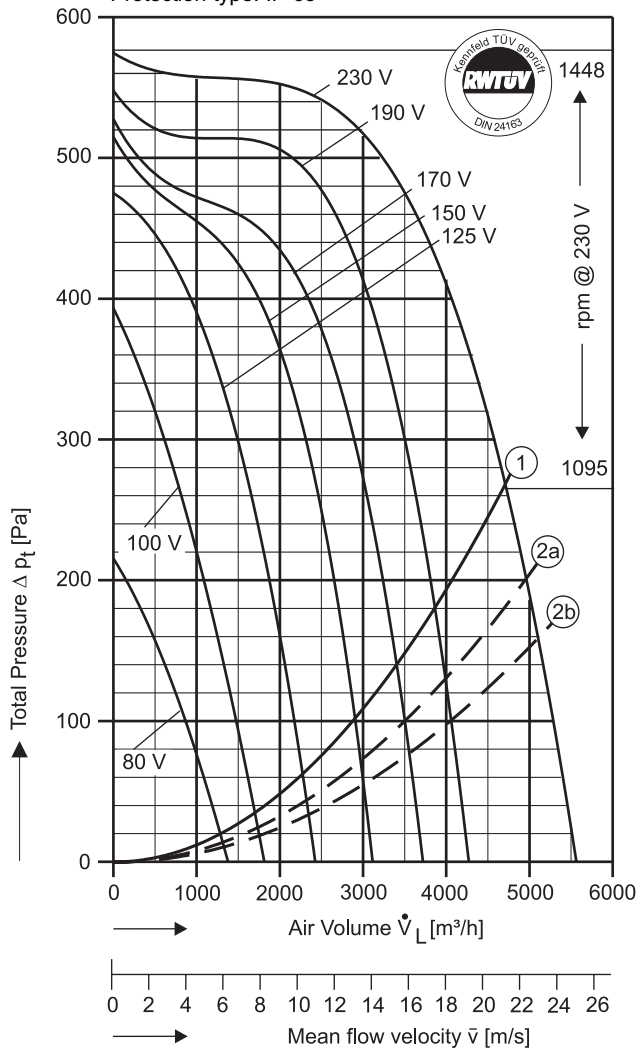
Type: DS = Double Inlet

Performance / Dimensions



Type: DS 6-770/E 65 [230V 1N~ 50 Hz]

MP Capacitor 37,5 µF - 400 VDB
Protection type: IP 65



$P_{max} = 1,50 \text{ kW}$ $I_A / I_N = 1,7$ $I_{max} = 6,38 \text{ A}$

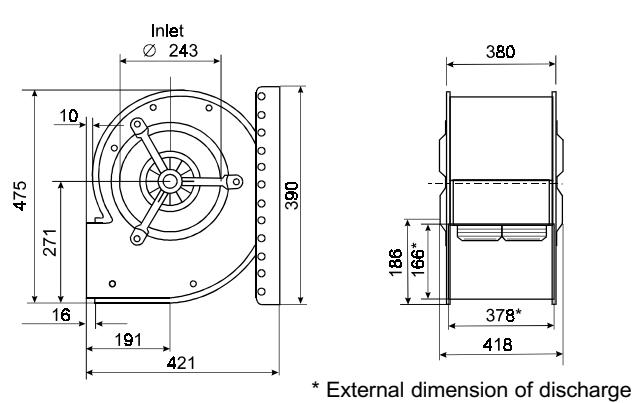
- ① **System curve for dynamical pressure part related to fan discharge surface of 0,0619 m². For operating points above that curve a max. air temperature of 60° C is allowed (Curve for free blowing fan).**
- ②a **System curve incl. pressure regain by means of TRANSITION PIECE (square to round, FISCHBACH accessory) with connected duct. Duct length: 0,8 m.**
- ②b **System curve incl. pressure regain by means of DIFFUSER ANGLE FRAME (FISCHBACH accessory) with connected duct. Duct length: 2,8 m.**

For sound data please see extra pages.

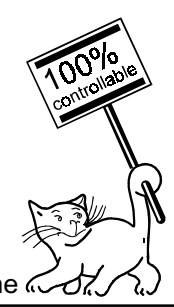
Voltage [V]	Air Volume \dot{V}_L [m³/h] @ $\rho = 1,2 \text{ kg/m}^3$ and Current [A] (bold figures, 2nd. line)							
	Free Air	Total Pressure Δp_t [Pa]						
		100	200	250	300	350	400	500
80	1300 2,47	870 2,43	150 2,27					
100	1735 3,14	1480 3,11	1090 2,95	860 2,83	610 2,70	320 2,61		
125	2280 3,91	2180 3,87	1880 3,72	1700 3,62	1490 3,48	1250 3,33	930 3,14	
150	2895 4,67		2650 4,49	2500 4,38	2310 4,24	2080 4,07	1750 3,85	160 3,24
170	3375 5,19		3240 5,06	3080 4,91	2890 4,75	2660 4,57	2350 4,34	310 3,49
190	3845 5,67		3810 5,64	3670 5,50	3500 5,35	3310 5,19	3070 4,99	2150 4,38
230	4735 6,38				4580 6,26	4340 6,07	4060 5,85	3240 5,26

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	6164
Stepwise, 7 Steps	FDR 750	6202
FISCHBACH AUTOMATIC CONTROL**	FRA 80	6253

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



* External dimension of discharge



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.