Type: D = Double Inlet

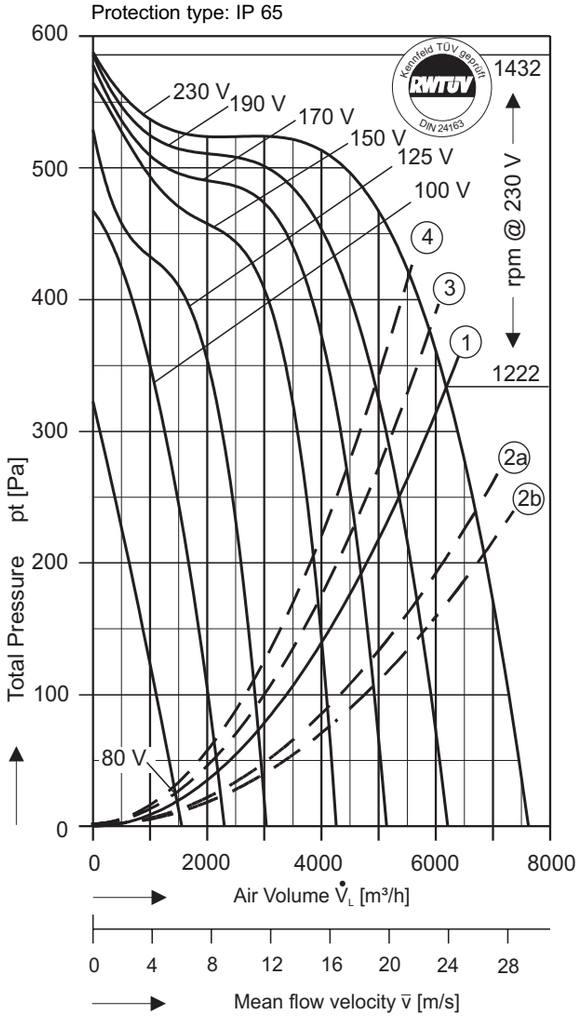
Performance / Dimensions

FISCHBACH COMPACT FAN

Type: D 770/E 80 [230V 1N~ 50Hz]

MP Capacitor 50 µF - 400 VDB

Protection type: IP 65



P_{max} = 2,32 kW I_A / I_N = 1,9 I_{max} = 10,0 A

1 System curve for dynamical pressure part related to fan discharge surface of 0,0720 m². For operting points above that curve a max. air temperature of 40° 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: 3,7 m.

3 For operating points above that curve a maximum air temperature of 50°C is allowed.

4 For operating points above that curve a maximum air temperature of 60°C is allowed.

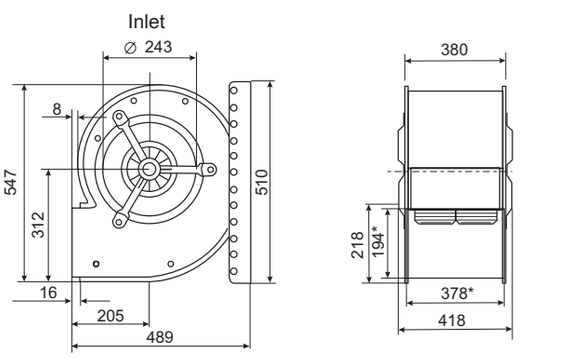
For sound data please see extra pages.

Voltage [V]	Air Volume $\dot{V}_L$ [m³/h] @ ρ = 1,2 kg/m³ *and Current [A] (bold figures, 2nd. line)*						
	Free Air	Total Pressure Δ p_t [Pa]					
		200	**300**	**350**	**400**	**450**	**500**	**550**
80	1360 **5,20**	855 **4,73**	-	-	-	-	-	-
100	2040 **6,66**	1695 **5,90**	1440 **5,41**	1285 **5,14**	1100 **4,84**	-	-	-
125	2980 **8,18**	2740 **7,53**	2500 **6,90**	2340 **6,51**	2150 **6,08**	1900 **5,57**	1480 **4,85**	-
150	4080 **9,03**	3955 **8,71**	3670 **8,02**	3480 **7,58**	3260 **7,11**	2990 **6,58**	2580 **5,85**	-
170	4660 **9,18**	4645 **9,15**	4340 **8,53**	4200 **8,17**	3800 **7,77**	3300 **7,29**	1200 **6,68**	200 **5,67**
190	5175 **9,54**		4935 **9,07**	4800 **8,72**	4500 **8,32**	4000 **7,87**	3000 **7,62**	400 **6,46**
230	5960 **10,00**			6000 **9,67**	5700 **9,12**	5200 **8,50**	4400 **7,79**	600 **6,90**

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	**6165**
Stepwise, 7 Steps	FDR 1300	**6204**
FISCHBACH AUTOMATIC CONTROL**	FRA 120	**6255**

* 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.

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