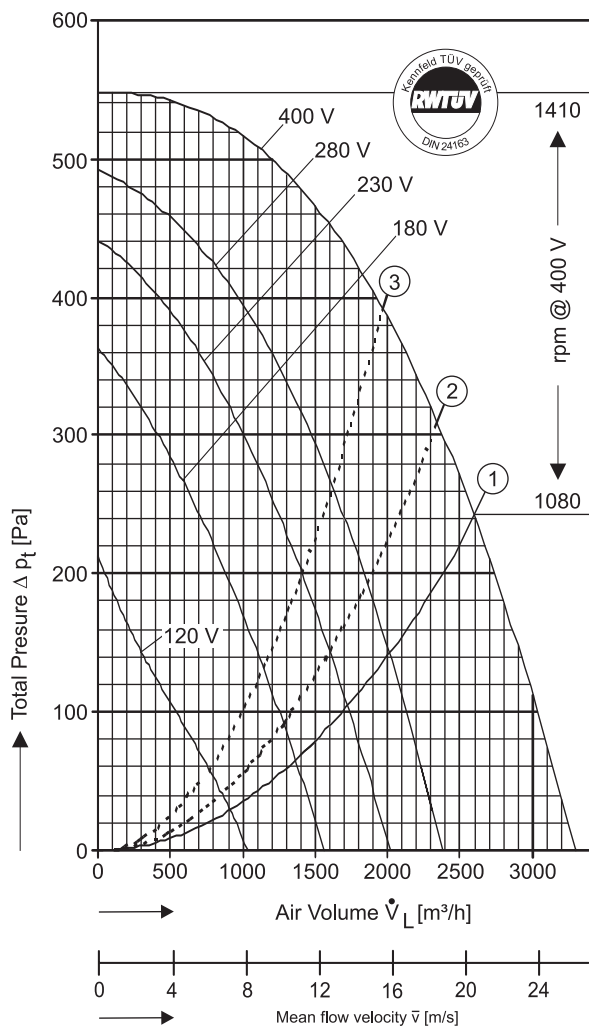


# Type: CFE = Single Inlet "superflat" Performance / Dimensions



Type: CFE 840/D 500 [400V 3N~ 50 Hz]  
Protection type: IP 65

Please state intake side !  
For sound data please see extra pages.



$P_{max} = 1,225 \text{ kW}$   $I_A / I_N = 1,7$   $I_{max} = 2,57 \text{ A}$

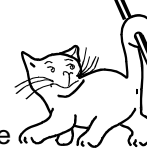
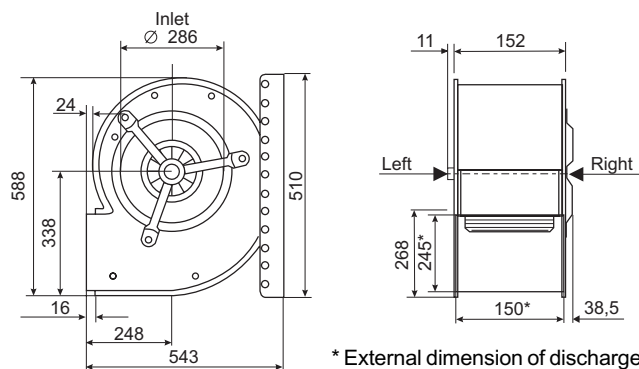
- ① System curve for dynamical pressure part related to fan discharge surface of  $0,0357 \text{ m}^2$ . For operating points above that curve a max. air temperature of  $40^\circ \text{C}$  is allowed (Curve for free blowing fan).
- ② Max. permissible air temperature:  $50^\circ \text{C}$ .
- ③ Max. permissible air temperature:  $60^\circ \text{C}$ .

Voltage [V]	Air Volume $\dot{V}_L$ [m³/h] at $\rho = 1,2 \text{ kg/m}^3$ and current [A] (bold figures, 2nd. line)							
	Free Air	Total Pressure $\Delta p_t$ [Pa]						
		150	200	250	300	350	400	450
120	963 <b>1,15</b>	233 <b>0,93</b>	80 <b>0,86</b>					
180	1426 <b>1,59</b>	1040 <b>1,38</b>	925 <b>1,30</b>	654 <b>1,17</b>	425 <b>1,06</b>			
230	1717 <b>1,81</b>	1591 <b>1,72</b>	1400 <b>1,61</b>	1190 <b>1,51</b>	990 <b>1,40</b>	757 <b>1,26</b>	305 <b>1,11</b>	
280	2007 <b>2,00</b>	2007 <b>2,00</b>	1835 <b>1,88</b>	1656 <b>1,78</b>	1490 <b>1,69</b>	1240 <b>1,57</b>	999 <b>1,44</b>	571 <b>1,30</b>
400	2606 <b>2,57</b>			2606 <b>2,57</b>	2330 <b>2,41</b>	2150 <b>2,32</b>	1975 <b>2,25</b>	1620 <b>2,14</b>

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 55/3	6231
Stepwise, 5 Steps	FDR 2.75/3	6181
FISCHBACH AUTOMATIC CONTROL **	FRA 55/3	6281
Frequency Inverter FFU	on request	

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



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.