

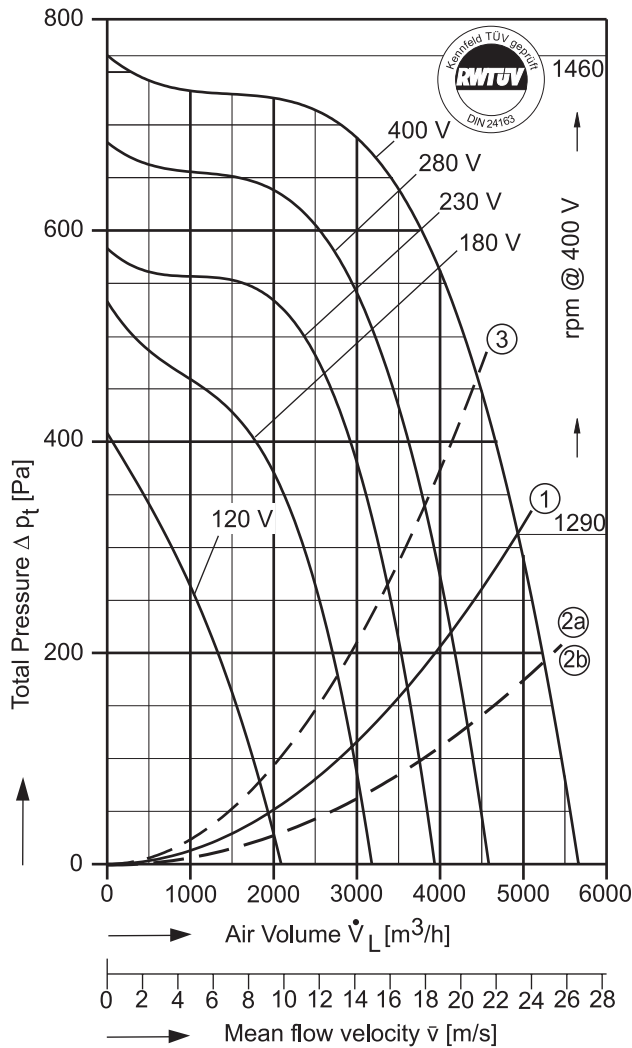
Type: CE = Single Inlet

Performance / Dimensions



Type: CE 890/D 1 [400V 3N~ 50 Hz]
Protection type: IP 65

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



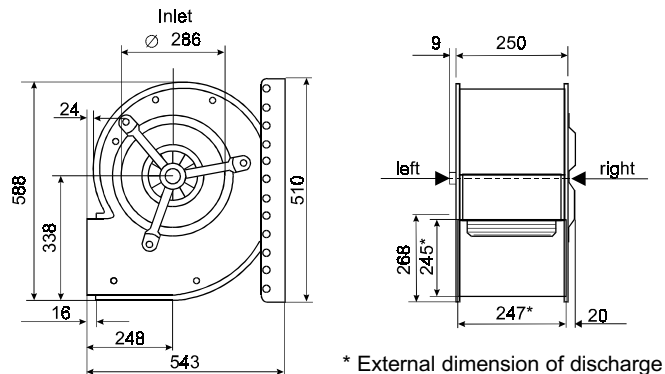
Voltage [V]	Air Volume \dot{V}_L [m³/h] at $\rho = 1,2 \text{ kg/m}^3$ and current [A] (bold figures, 2nd. line)							
	Free Air	Total Pressure Δp_t [Pa]						
		100	200	300	350	400	500	600
120	1925 3,09	1750 3,00	1330 2,67	780 2,14				
180	2930 3,97		2710 3,78	2360 3,45	2120 3,21	1790 2,87		
230	3605 4,38		3530 4,30	3270 4,04	3120 3,89	2925 3,70	2365 3,18	
280	4125 4,55			3925 4,37	3780 4,23	3620 4,09	3220 3,74	2530 3,18
400	4915 5,26				4830 5,19	4665 5,06	4290 4,80	3780 4,50

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 5.5/3	6182
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

- ① System curve for dynamical pressure part related to fan discharge surface of 0,059 m². Max. permissible air temperature: 55°C.
- ②a System curve incl. pressure regain by means of TRANSITION PIECE (square to round) with connected duct. Duct length: 1,9 m.
- ②b System curve incl. pressure regain by means of DIFFUSER ANGLE FRAME with connected duct. Duct length: 2,1 m
- ③ For operating points above that curve a max. air temperature of 60°C is allowed.



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.