

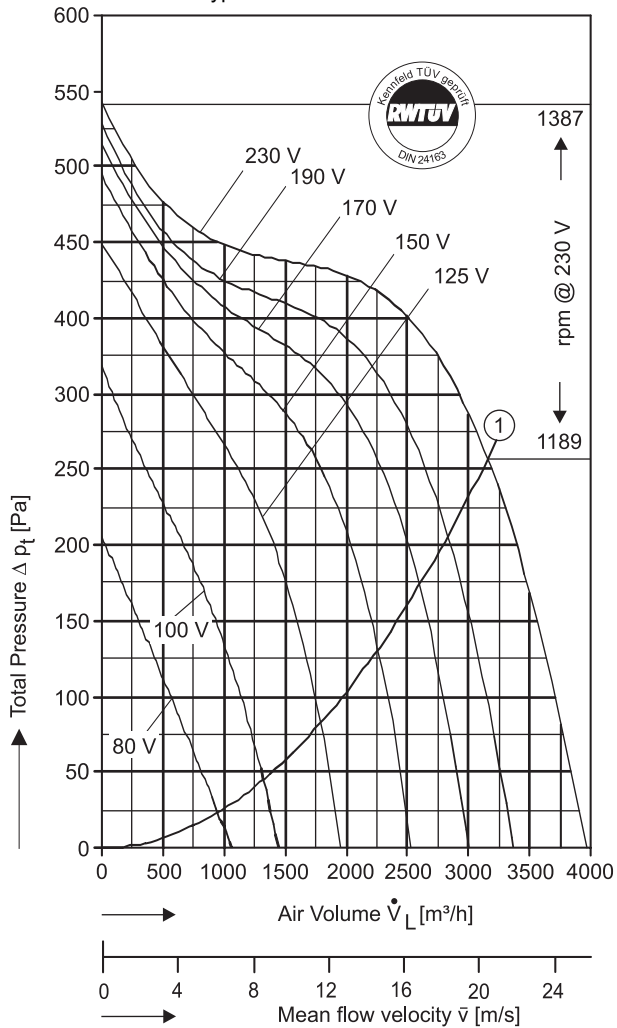
Type: DS = Double Inlet

Performance / Dimensions



Type: DS 5-640/E 35 [230V 1N~ 50 Hz]

MP Capacitor 25 µF - 400 VDB
Protection type: IP 65



$P_{max} = 0,99 \text{ kW}$ $I_A / I_N = 1,7$ $I_{max} = 4,36 \text{ A}$

1 System curve for dynamical pressure part related to fan discharge surface of 0,0420 m². For operating points above that curve a max. air temperature of 60°C is allowed (Curve for free blowing fan).

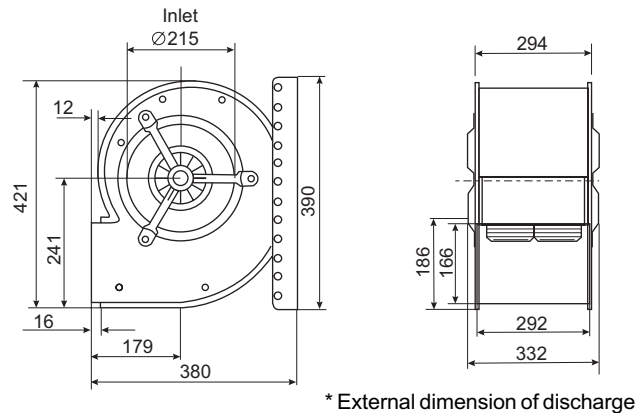
For sound data please see extra pages.

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]						
		150	200	250	300	350	375	400
80	974 2,37	300						
100	1364 2,94	968 2,56	667 2,36	340 2,26				
125	1786 3,46	1580 3,21	1423 3,01	1100 2,68	765 2,68			
150	2239 3,83	2200 3,78	2016 3,52	1765 3,24	1315 2,78	790 2,33	510 2,23	
170	2630 4,08		2480 3,89	2270 3,66	1932 3,31	1040 2,49	795 2,34	480 2,24
190	2805 4,11			2620 3,98	2330 3,61	1775 3,05	1010 2,47	580 2,36
230	3165 4,36				2854 4,06	2544 3,77	2146 3,45	950 2,72

**Save power and even more silent with
FISCHBACH SPEED CONTROLLERS
FISCHBACH AUTOMATIC CONTROLLERS**

Voltage Control	Type*	Order-No.*
Stepless, 0 - 100% and 100% - 0	FDR55	6163
Stepwise, 7 Steps	FDR420	6201
FISCHBACH AUTOMATIC CONTROL**	FRA 55	6252

* 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.