

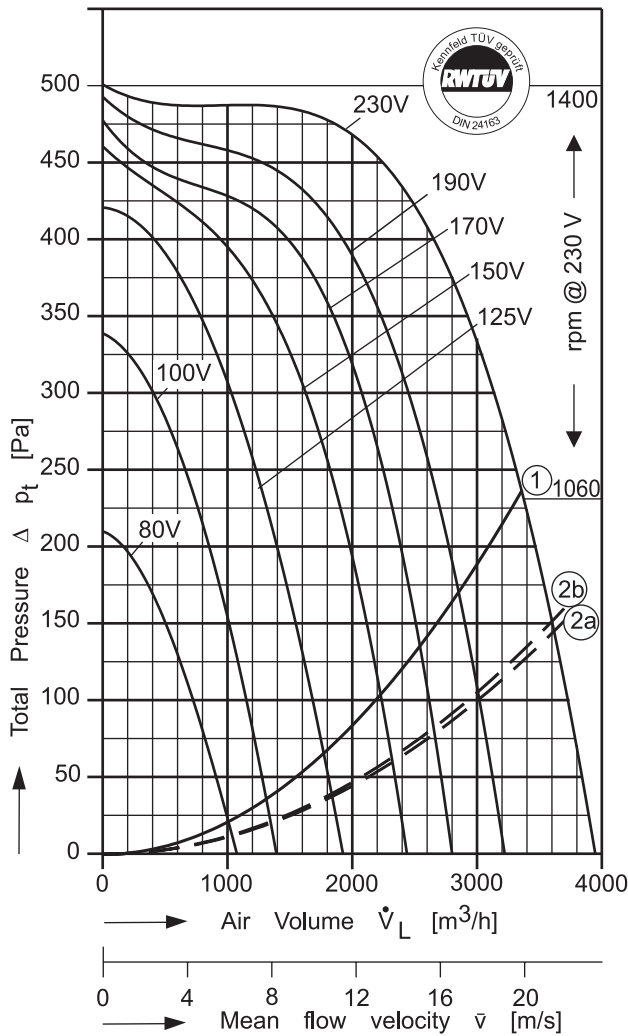
Type: CE = Single Inlet

Performance / Dimensions



Type: CE 790/E 35 [230V 1N~ 50 Hz]
 MP Capacitor 25 µF - 400 VDB
 Protection type: IP 65

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



$P_{max} = 1,1 \text{ kW}$ $I_A / I_N = 1,7$ $I_{max} = 5,08 \text{ A}$

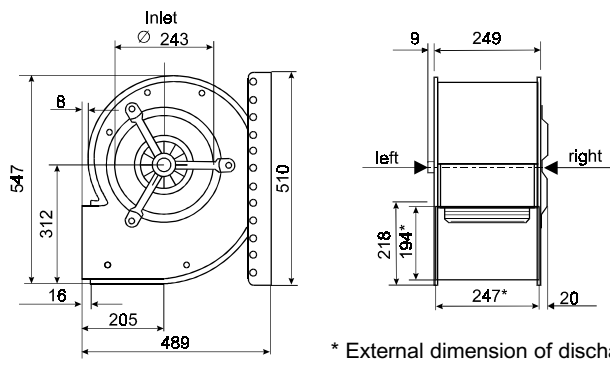
- ① System curve for dynamical pressure part related to fan discharge surface of 0,0469 m².
 Max. permissible air temperature: 60°C.
- ②a System curve incl. pressure regain by means of TRANSITION PIECE (square to round) with connected duct. Duct length: 1,6 m.
- ②b System curve incl. pressure regain by means of DIFFUSER ANGLE FRAME with connected duct. Duct length: 2,9 m

Voltage [V]	Air Volume \dot{V}_L [m ³ /h] at $\rho = 1,2 \text{ kg/m}^3$ and current [A] (bold figures, 2nd. line)							
	Free Air	Total Pressure Δp_t [Pa]						
		60	120	180	240	300	360	420
80	1005 2,30	875 2,22	640 2,10					
100	1330 2,83	1250 2,79	1100 2,67	920 2,48	700 2,23			
125	1765 3,44		1630 3,32	1460 3,14	1260 2,88	1030 2,57	730 2,19	
150	2230 4,00		2190 3,95	2040 3,77	1860 3,53	1630 3,22	1300 2,78	670 2,09
170	2545 4,30			2440 4,16	2280 3,95	2080 3,69	1790 3,32	1200 2,62
190	2850 4,53			2830 4,50	2660 4,31	2450 4,05	2180 3,73	1750 3,22
230	3375 5,08				3350 5,05	3140 4,80	2880 4,50	2520 4,11

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	6163
Stepwise, 7 Steps	FDR 750	6202
FISCHBACH AUTOMATIC CONTROL **	FRA 55	6252

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



* External dimension of discharge



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.

To regain static pressure and reduce dynamic pressure connect a suitable transition piece on the fan outlet.