

# 183 mm (7,2") DIAMETER 1800 W BLOWER



## CODE 790 FAMILY



Brushless blower from these series have 183mm diameter and are the most powerful in our product range. They reach power up to 1.8 kW. There are two options with 63.5mm (2.5") and 50mm (2") outlet) available. These blowers are designed for applications where relatively high pressure and high flow are needed. We also have solutions with special sealing which protects bearing available. Such solutions are used in blowers for pressure applications. These are available up on request. Very important feature of these blowers is also 3-phase supply (400 VAC). Additional features of these blowers are also 3-phase commutation, precise regulation and high efficiency.

### Possible applications

- fume/smoke extraction
- medical Laser fume extraction
- collators
- cutting tables / vacuum tables
- paper handling
- packaging equipment
- hopper loaders
- industrial vacuum cleaners
- central vacuum cleaners
- etc.

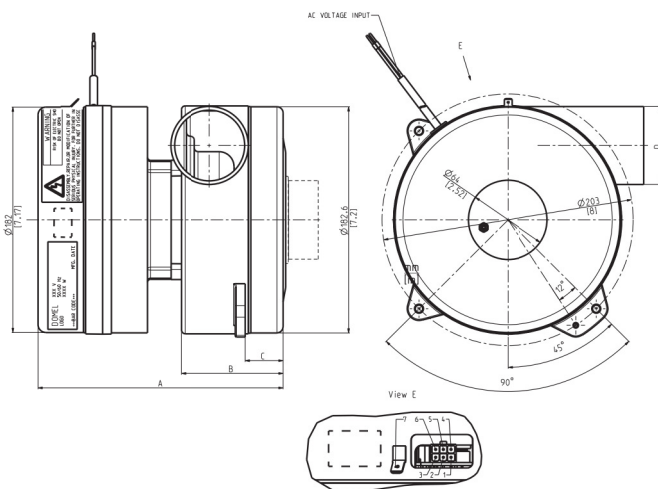
There are plenty of options for each blower available (some are up on request):

- top cooling air inlet with tube
- working air inlet with tube
- speed control 0-10VDC or PWM
- top cooling air inlet
- working air inlet
- without speed control
- speed output

Connector TYCO 1586041-6

Pin	Description
1 High	* Isolated voltage supply for regulation purpose only
4 Low	
2 High	Isolated speed control 0-10 VDC
5 Low	
3 High	Isolated speed output signal
6 Low	
7 L1	INPUT VOLTAGE
8 L2	
9 L3	
10 PE	Protective Earth

\* Upon customer request isolated voltage supply for regulation purpose only is available



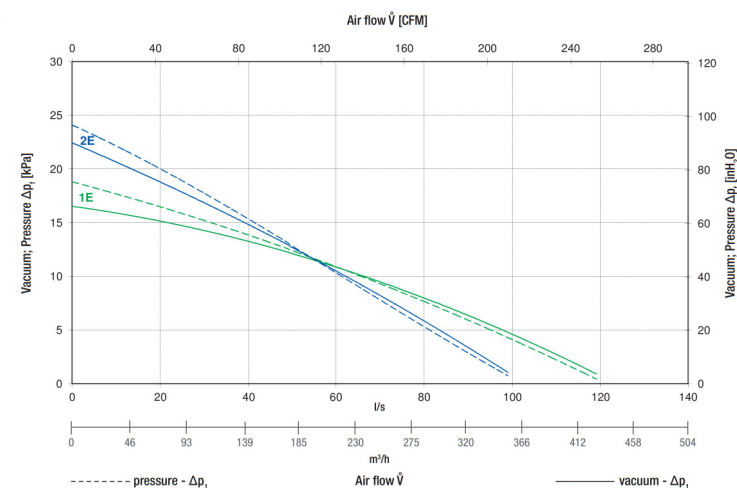
Dimensional and performance data are subject to change without notice.

Selection and ordering information for 120VAC/60Hz, 230VAC/50Hz and 3~400V/50Hz - TANGENTIAL DISCHARGE																	
Code	P / E	Stage	A		B		C		D		P1	U	Sealed Vacuum	Max. air flow	Mass		
	Curve	X	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[W]	[V]	[kPa]	[inH <sub>2</sub> O]	[l/s]	[CFM]	[kg]
790.3.210-xxx	1E	1	198	7,80	82,5	3,25	30,5	1,20	52	2,05	1800	various	16,9	67,9	115	243,8	4,4
790.3.220-xxx	2E	2	229	9,02	113,5	4,47	61,5	2,42	52	2,05	1800	various	22,8	91,6	100	212	4,9
790.3.310-xxx	1P	1	198	7,80	82,5	3,25	30,5	1,20	63,5	2,50	1800	various	16,4	65,9	115	243,8	4,4
790.3.320-xxx	2P	2	229	9,02	113,5	4,47	61,5	2,42	63,5	2,50	1800	various	22,4	90,0	100	212	4,9

Data above represent the performance of an average motor sample. Individual data may vary due to normal manufacturing variations.

## TANGENTIAL DISCHARGE 120VAC, 230VAC or 3~400V, 50/60Hz

1800W



Note: This blower is also available for supply 120VAC, 3~460V or as per your request.