Industrial transport fans

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Transport fans TV

Transport fans of type designation TVP and TVR

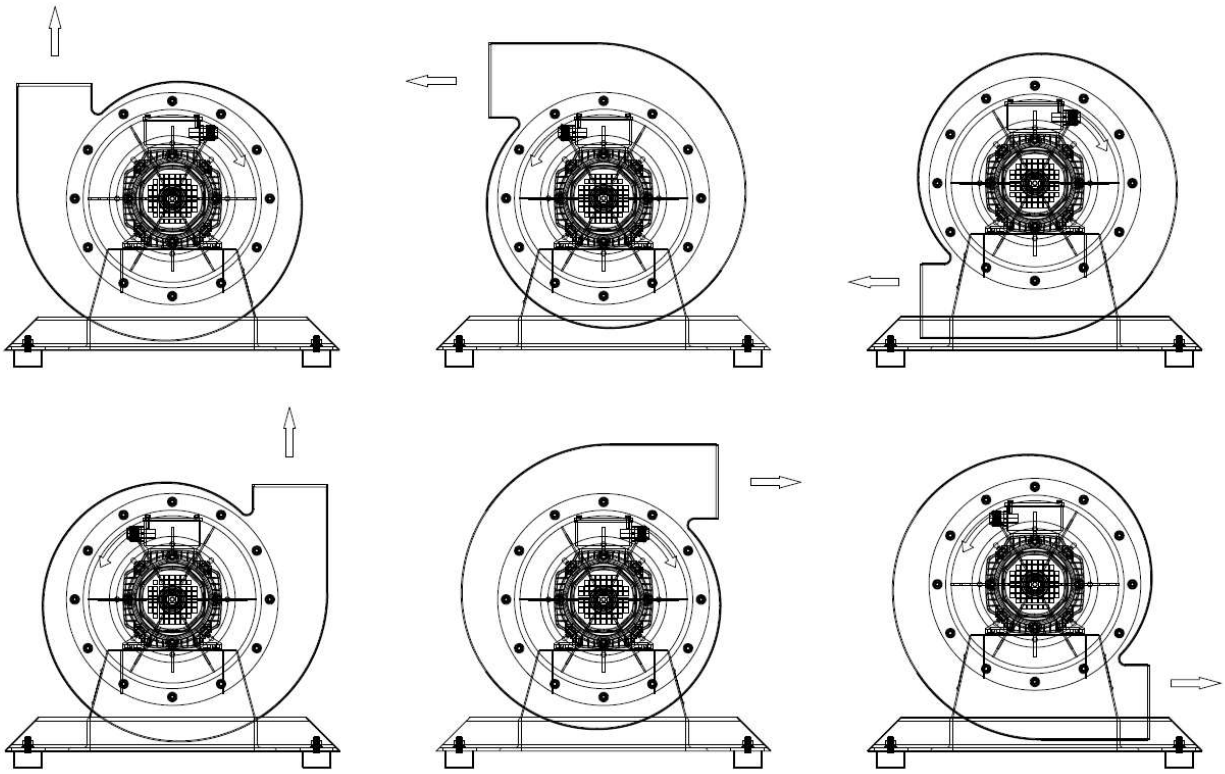
Radial high-pressure transport fans are intended for the transport of air with admixture of solid particles. The most common application of the fan is installation in the exhaust pipe route in front of filter equipment, cyclone separators, for transporting loose material, extracting pollutants from dusty environments, etc. They find their application in the woodworking, agricultural and engineering industries. Radial high-pressure fans in the transport version are designed either with the rotor mounted directly on the electric motor shaft, marked as **P,** or with an electric motor - V-belt - rotor drive, marked as type **R**. The fans are statically and dynamically balanced and are mounted on flexible compensating blocks. The temperature of the transported material and air may vary between -20 °C and 65 °C for type **P**. Type **R** fans can also be used for higher temperatures of the transported medium, up to 350 °C. For starting and controlling the fan, a frequency converter is most often supplied, which can be used to easily regulate the performance of the fan.

Parameters of transport fans

Technical data of fans

Type of fan	El. Power 400V **kW**	Engine RPM **n/min**	El.current 400V **A**	Transportation performance **m^3/hour**	Pressure Pascal **Pa**
TV1P	1,5	2880	3,2	1.500	1.400
TV3P	3	2880	5,9	3.250	1.900
TV4P	4	2900	7,6	5.600	2.200
TV5P	5,5	2910	10,4	7.200	2.900
TV7P	7,5	2910	13,8	7.550	3.000
TV11P	11	2940	20,0	8.000	3.100
TV15P	15	2940	26,9	8.450	3.250
TV18P	18	2940	33,0	9.600	3.800
TV22R	22	2940	39,5	11.500	3.900

Fan position variants



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