max. 565 m^3/h

DC centrifugal fans

Series RER 133 TD 133 Ø x 91 mm



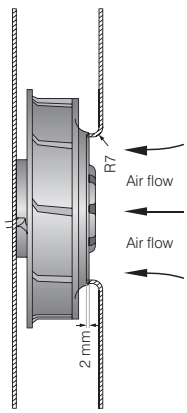
Highlights:
- 3-phase fan drive with high degree of running smoothness.
- Very high pressure build-up.
- Backward curved impeller.
- Available as standard with PWM control input and speed signal. Additional inputs and outputs on request.

General characteristics:
- Impeller of fibreglass-reinforced plastic.
- Fully integrated electronic commutation.
- Direction of rotation: CW seen on rotor.
- Direction of air flow: axial air intake, centrifugal air exhaust out of the outlet.
- Connection via single strands AWG 22, TR 64. Bared and tin-plated.
- Mass: 890 g.

Nominal data		Air flow	Air flow	Nominal voltage	Voltage range	Sound power level	Sintec sleeve bearings / Ball bearings	Power input	Nominal speed	Temperature range	Service life L_{10} (40 °C) ebm-papst Standard	Service life L_{10} (T_{max}) ebm-papst Standard	Life expectancy $L_{10\Delta}$ (40 °C) see P. 15	Curve	Specials
	Type	m^3/h	CFM	VDC	VDC	Bel(A)	□/■	Watts	RPM	°C	Hours		Hours		
NEW	RER 133-41/14/2 TDMP	460	270,6	**24**	16...30	tbd	■	53	5 000	-20...+65	72 500 / 40 000		145 000	1	
NEW	RER 133-41/14/2 TDP*	565	332,4	**24**	16...36	tbd	■	90	6 000	-20...+65	70 000 / 37 500		140 000	2	
NEW	RER 133-41/18/2 TDMP*	460	270,6	**48**	36...57	tbd	■	50	5 000	-20...+65	72 500 / 40 000		145 000	1	
NEW	RER 133-41/18/2 TDP	565	332,4	**48**	36...72	8,2	■	87	6 000	-20...+65	70 000 / 37 500		140 000	2	

*Preliminary

Speed control range from 800 rpm at 7 % PWM up to nominal speed at > 90 % PWM. Standstill at 0 % PWM, max. speed if control cable is interrupted.



The air flow and noise level of fans without external housing depends on the installation conditions. The stated air flow and noise levels have been measured under the following conditions:
Centrifugal fan mounted on a base plate 140 x 140 mm.
Cover plate 140 x 140 mm with an air inlet of Ø 87 mm, concentric to the impeller.

