

# ErP Information

Fan Types	Axial fan		
Directive (or Standard) for Regulation	ErP Directive 2009/125/EC COMMISSION REGULATION (EU) No 327/2011		
Model Name	WZDK450-38G+ZL-560*189*20-3N	Rev.	
Prepare by			

## Specified Information of Fan:

No.	Information Item	Comment
1	$\eta_{\text{target}} =$	30.3%
2	Overall efficiency ( $\eta_e$ ) =	33.7%
3	Pass or not (Criteria: $\eta_e \geq \eta_{\text{target}}$ )	Pass
4	Measurement category (A-D)	A
5	Efficiency category (static or total)	Static
6	Efficiency grade at optimum energy efficiency point	N =40
7	VSD is integrated within the fan	YES
8	Year of Manufacture	2016
9	Manufacturer's name and place of manufacture	Bosch Thermotechnik GmbH Junkersstraße 20-24, 73249 Wernau, Germany
10.1	Rated motor power input(s) (kW), at optimum energy efficiency	0.293 kW
10.2	Rated motor flow rate(s) at optimum energy efficiency	1.453 m <sup>3</sup> /s
10.3	Rated motor pressure(s) at optimum energy efficiency	60 Pa
11	Rotations per minute (R.P.M)at the optimum energy efficiency point	930r/min
12	Specific ratio	1.001
13	Information relevant for facilitating disassembly, recycling or disposal at end-of-life	all materials can be recycled
14	Information relevant to minimize impact on the environment and ensure optimal life expectancy as regards installation, use and maintenance of the fan	For installation, the clearance of 500 mm shall be kept from inlet
15	Description of additional items used when determining the fan energy efficiency, such as ducts, that are not described in the measurement category and not supplied with the fan.	Measurement category A, fan is free inlet and outlet conditions
16	Motor manufacturer	NIDEC SHIBAURA(ZHEJIANG) CORP.