

**AXIAL FAN DATA**
**General data**

Fan type	AXIAL HORIZONTAL	o/18546, cant. 3
Model	ZVN 1-28-450/6	
No. Fans in serial connection	1	
Reversibility	UNIDIRECTIONAL	
Fan diameter	2800	

**Performance data**

Design density	kg/m <sup>3</sup>	1.2
Flow	m <sup>3</sup> /s	220
Static pressure	Pa	800
Total pressure (*)	Pa	1493
<input checked="" type="checkbox"/> According to customer specification for static pressure, adding losses of dynamic pressure on the diffuser exit		
Rated power	kW	450
High Temperature Resistance	°C-h	400 - 2

**Impeller**
**General**

Quantity	1	(*) as per standard ISO 1940-1:2003
Balancing degree (*)	G - 2.5	

**Blades & fasteners**

Blades shape	<input checked="" type="checkbox"/> Asimmetrical <input type="checkbox"/> Simmetrical
Blades Material	Cast iron
Fasteners Material	Cast iron
Blade adjusting	<input checked="" type="checkbox"/> Blade provided with individual adjusting when the fan is stopped

**Hub**

Material	Carbon steel S-355 JR	(*) as per standard EN 10025:2006
Anti-corrosive Treatment (*)	Sand Blasting	(*) as per standard UNE-EN ISO 8501
Paint	Type 3 (view annex)	colour Grey RAL 7004
Total Paint thickness	90-100	

**ANNEX : ZITRON PAINT TREATMENTS DESCRIPTION**

Type 1	1 <sup>a</sup> Layer: priming paint "POLYURETHANE 2/C" acrylic. 2 <sup>a</sup> Layer: finish paint "POLYURETHANE 2/C" acrylic. Total paint thickness: 90-100 µm
Type 2	1 <sup>a</sup> Layer: priming paint "EPOXY 2/C" acrylic. 2 <sup>a</sup> Layer: intermediate paint "EPOXY THICK LAYER". 3 <sup>a</sup> Layer: finish paint "POLYURETHANE 2/C" acrylic. Total paint thickness: 170-180 µm
Type 3	1 <sup>a</sup> Layer: priming paint "EPOXY 2/C" acrylic. 2 <sup>a</sup> Layer: finish paint "POLYURETHANE 2/C" acrylic. Total paint thickness: 90-100 µm
Type 4	1 <sup>a</sup> Layer: priming paint "EPOXY ZINC PHOSPHATE" . 2 <sup>a</sup> Layer: intermediate paint "EPOXY THICK LAYER".  Total paint thickness: 180-200 µm
According with customer specifications	

Remarks: For the good differentiation between layers, each consecutive one will be painted in a different colour, being the finish layer colour the one that have been specified for each item in the cells assigned for this aim.