zitrón

TECNICAL DATA SHEET IMPELLER

Project:	*CENTRALE DI VENTILAZIONE VARIANTE DI VALICO*
Ref.:	*50007158*
Date:	*22/12/2010*

AXIAL FAN DATA

General data	*Fan type*		*AXIAL HORIZONTAL*	
	Model		*ZVN 1-28-400/6*	*o/18546, cant. 3*
	No. Fans in serial connection		*1*	
	Reversibility		*UNIDIRECTIONAL*	
	Fan diameter	*mm*	*2800*	
Performance data	*Design density*	*kg/m³*	*1.2*	
	Flow	*m³/s*	*220*	
	Static pressure	*Pa*	*600*	
	Total pressure (*)	*Pa*	*1293*	
	☑ According to customer specification for static pressure, adding losses of dynamic pressure on the diffuser exit			
	Rated power	*kW*	*400*	
	HighTemperature Resistance	*ºC-h*	*250 - 1*	
Impeller				
General	*Quantity*		*1*	
	Balancing degree (*)		*G - 2.5*	*(*) as per standard ISO 1940-1:2003*
Blades & fasteners	*Blades shape*		☑ Asimmetrical ☐ Simmetrical	
	Blades Material		*Cast iron*	
	Fasteners Material		*Cast iron*	
	Blade adjusting		☑ 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*	*Type 3 (view annex)*	*colour* *Grey RAL 7004*
	Total Paint thickness	*µm*	*90-100*	

ANNEX : ZITRON PAINT TREATMENTS DESCRIPTION

Type 1	1ª Layer: priming paint "POLYURETHANE 2/C" acrylic. 2ª Layer: finish paint "POLYURETHANE 2/C" acrylic. Total paint thickness: 90-100 µm
Type 2	1ª Layer: priming paint "EPOXY 2/C" acrylic. 2ª Layer: intermediate paint "EPOXY THICK LAYER". 3ª Layer: finish paint "POLYURETHANE 2/C" acrylic. Total paint thickness: 170-180 µm
Type 3	1ª Layer: priming paint "EPOXY 2/C" acrylic. 2ª Layer: finish paint "POLIURETHANE 2/C" acrylic. Total paint thickness: 90-100 µm
Type 4	1ª Layer: priming paint "EPOXY ZINC PHOSPHATE" . 2ª 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.