

Fan Selection Order

SECTION 1: Customer Details

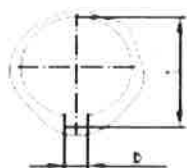
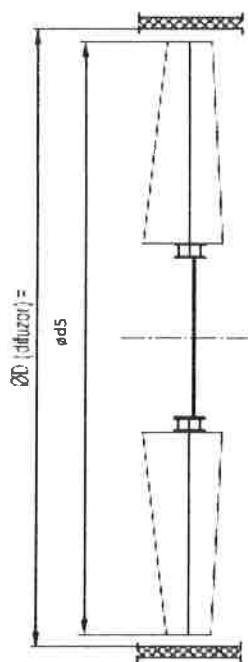
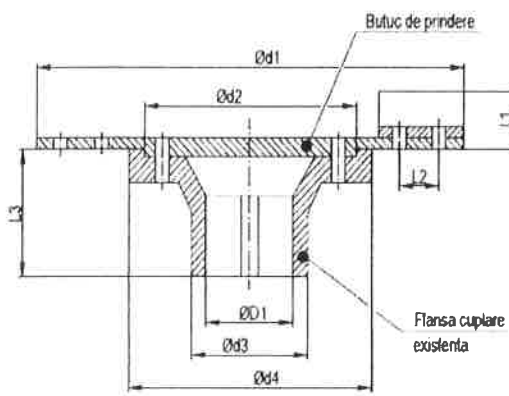
Pos:

76-A3/1÷6

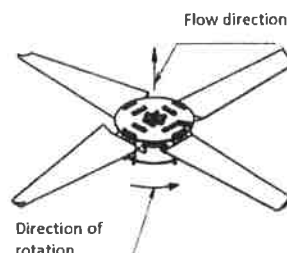
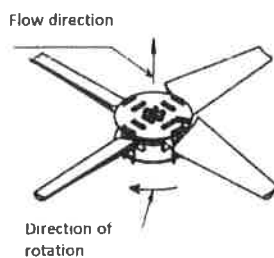
API information required (Mandatory)

End User	Petrotel-Lukoil S.A.	Location:	Onshore-outdoor			
Industry sector	Refinery	Ambient temperature:	min -35°C	x	x	max +45°C
Location	Ploiesti, Prahova-Romania	Position:	Horizontal	-	x	Vertical
Area of Plant *	Isomerisation	Direction of rotation:	CCW	-	x	CW
Fan Duty *	Axial fan					
Company:	PETROTEL-LUKOIL S.A.	Phone no:	+40-766257243			
Engineer:	IORGIOIU CIPRIAN	Email:	<u>ciorgoiu@petrotel.lukoil.com</u>			

SECTION 2: Dimensional & Type Details



	Value	Units
d1 (Fan hub OD):	600	mm
d2 (Clamping hub OD):	290	mm
d3 (Flange coupling OD):	140	mm
d4 (Flange coupling shaft side OD):	345	mm
d5 (Fan ring ID):	3500	mm
D1 (Flange coupling shaft side ID):	85	mm
L1 (Dist First Obstr.):	60	mm
L2 (Dist Between Blade's Clamping Bolts):	90	mm
L3 (Flange coupling height):	150	mm
b (key channel width):	22	mm
t (key channel height):	90,4	
Blades No:	6	buc
Blades Type:	FRP	
Is the shaft harder than AISI 316L (160 HB)?:	No	
If yes state value or material spec:	NA	
Direction of rotation of the impeller when viewed against the air flow (mark the necessary with the "V" sign):		
		V



100

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SECTION 3: Fan Details

Manufacturer:	SC COMPANIA DE VENTILATOARE	Size / Type:	VPV 3500
Serial No:	NA	Shaft Speed (rpm):	264
Tag Number:	76-A3/1÷6	Driver Type:	Electrical motor
Typical Drive Arrangements:	Suspended belt drive, motor shaft up	Driver Speed (rpm):	1000
Typical Plenum Arrangements:	Forced draught-box-type plenum	Driver Power*:	22 kW
Static Pressure*:	17 mm water	Transmission Type:	Belt
Air Flow*:	75 m3/sec		
Air Temperature*:	-30°+53,06° Celsius degree		
Altitude*:	170 m		
Blade Pitch Adjustment:	Manual		

* Please state units, e.g. psia, psig, barg, inches, mm

SECTION 4: Customer Suggestions

Size:	-
Type:	-
Hub Material:	-
Blades Ring Material(s):	FRP
Blade Pitch Adjustment:	Manual
Other Specification (e.g. API, ATEX):	ATEX; PED
Quantity:	-
Price:	-
Delivery:	DDP Ploiesti

Remarks:

Head Mechanical Engineer

Senior Mechanical Specialist Engineer

Chief Unit

Mechanical engineer

[Signature] 30.06.2022

[Signature] 30.06.22

21.06.2022

[Signature] 21.06.2022



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