

Seal Application Order / Enquiry Form (SAF)

SECTION 1: Customer Details

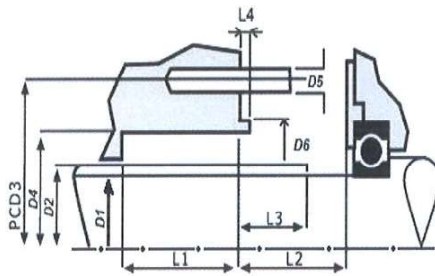
Pos:

01-P4R

API information required (Mandatory)

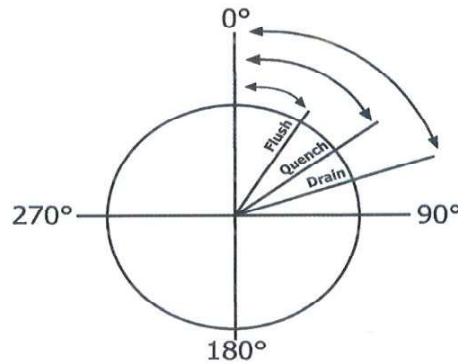
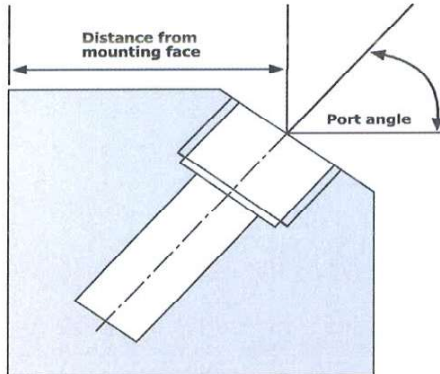
End User	Petrotel-Lukoil S.A.	Location:	Onshore-outdoor			
Industry sector	Refinery	Ambient temperature:	min -35°C			max +45°C
Location	Ploiesti, Prahova-Romania	Position:	Horizontal	x		Vertical
Area of Plant *	Crude distillation	Direction of rotation:	CCW		x	CW
Pump Duty *	Diesel					
Company:	PETROTEL-LUKOIL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

SECTION 2: Seal Dimensional & Type Details



	Value	Units
D1 (Shaft OD):	38	mm
D2 (Sleeve OD):	44,5	mm
PCD3 (Bolt Circle Dia):	106	mm
D4 (Pilot Bore):	67	mm
D5 (Bolt Size):	M12	mm
D6 (Pilot Turn):	72	mm
L1 (Chamber Dept):	92	mm
L2 (Dist First Obstr.):	60	mm
L3 (Dist Sleeve Outside):	30	mm
L4 (Pilot Lip Length):	18	mm
	-	-
Bolt No:	4	buc
Bolt Pattern:	Threaded whole length	
Is the shaft harder than AISI 316L (160 HB)?	No	Yes or No
If yes state value or material spec:	-	

Seal type	component seal	-	dual seal face to face	-	-	semi cartridge
	single seal	x	dual seal tandem	-	-	throttle bushing
	dual seal back to back	-	cartridge	x	-	



[Handwritten signature]

Port Orientation (viewed from motor end)

	Port 1	Port 2	Port 3	Port 4	Port 5
Port Function*:	Flush	Drain	-	-	-
Axial distance from mounting face:	14	14	-	-	-
Size and thread e.g. $\frac{1}{2}$ " NPT:	3/8"	3/8"	-	-	-
Angle/Ports angle:	292°/-	202°/-	-	-	-

* F = Flush, BI = Barrier In, BO = Barrier Out, QI = Quench In, QO = Quench Out, V = Vent

SECTION 3: Pump Details

Manufacturer:	Aversa	Size / Type:	Therma 65x28/230L
Serial No:	2004	Shaft Speed (rpm):	2960
Tag Number:	01-P4R	Axial Movement* (max):	0,1mm
Radial Movement* (max):	0,03mm	S'Box Recess Dia*:	-
Discharge Pressure*:	7 bar	API Plan No:	62
Suction Pressure*:	1 bar		
API Pump Designation:	OH2		
Seal Type:	Side		
Pump Design Type:	API		
Pump Modifications:	No		

e.g. BB3

e.g. Top,
Bottom, Side

e.g. ISO, DIN,
ANSI, API,
Yes or No, if
Yes give

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

SECTION 4: Product Details

Product:	Diesel	Chemical Composition / Concentration:	Diesel
Hazardous: e.g. Flammable, Toxic, Explosive	Flamable	pH APT*:	-
Flush Fluid:	Steam	Specific Gravity APT*:	0,68 kg/dm3
Temperature:	296 C	Polymerising:	No Yes or No
Vapour Pressure APT*:	1.87 bara	Dissolved Contaminant:	Yes Yes or No
Viscosity APT*:	0,42 cP	Abrasive Content:	Yes Yes or No
Pressure in S'Box:	-	Flush Available:	Yes Yes or No
Max. Particle Size:	0,1mm	Dry Running:	No Yes or No

*APT = At Pumping Temperature

Buffer/Barrier Liq. Type or Name:	-	Flush Liq. Type or Name:	Steam
Specific Gravity:	-	Specific Gravity:	NA
Viscosity:	-	Viscosity:	NA
Barrier/Buffer Pressure:	-	Barrier/Buffer Pressure:	NA
Temperature:	-	Temperature:	296 C



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SECTION 5: Customer Seal Suggestions

Size:	-
Type:	-
Ports:	-
O Ring Material(s):	-
Seal Plans (API):	0
Other Specification (e.g.API, ATEX):	ATEX
Quantity:	1
Price:	-
Delivery:	DDP Ploiesti

Remarks:

Sulphur compounds: 0.004% mercaptan sulphur content

Head Mechanical Engineer

MAKUSHEV D.

21 NOV 2019

Senior Mechanical Specialist Engineer

21.11.19

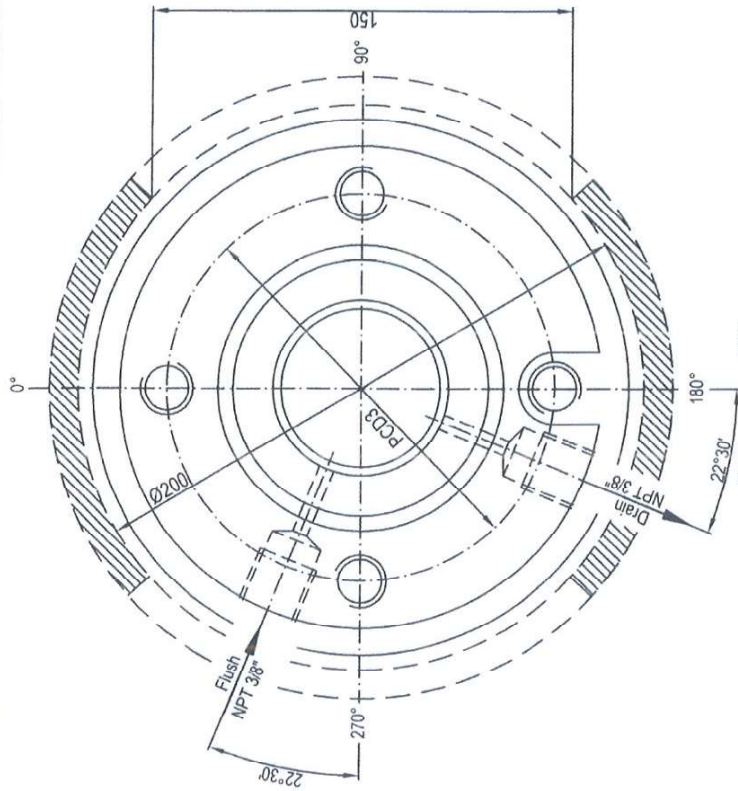
Repair Specialist in the Workshop

Chief Unit

Mechanical engineer

21.11.19

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Instalatia : DAV3

D1 :
 D2 :
 PCD3 :
 D4 :
 D5 :
 D6 :
 L1 :
 L2 :
 L3 :
 L4 :
 Marimea maxima O/D
 Nr. bolturi :
 Forma boltului :
 Duritatea arborelui din AISI 316L (160 HB)
 Daca da specificati valbarea sau materialul

TURBOCOM E. C.