KSB	Client's enquiry No. : E MAIL	Date :	Page No. :
	Quotation No. : SQ2023129	Date : 24-Jul-23	**DATA SHEET**
	Client's LOI No. : -	Date : -	
	Indent No. : -	Quantity : 1 no.	
	WORKS ORDER NO. : -	Delivery :	

Client's Name & Address :	Plant : Termoelectrica Chisniau PP	Application : Condensate Ext.
Techno Test	Project	Item No. : -
	Consultant :	Job No. : -
	Inspection By : KSB / Client	As per QAP No.:
	Witnessing for : Performance test	
	G.A.Drg. No. : -	Pr. Testing Drg. No. : -
	Seal arng. no. : -	C/S Drg. No. : -
	Perfr. curve nc : -	P & I Drg. No. : -
	Design Acc to : KSB Std	Test Report No. : -

ISP/CC No. : --	PUMP TYPE & SIZE	Performance Test Std. : ISO 9906 Gr 2B
Liquid Handled : Condensate	**WKT 100/3**	No. of stages : 3
Liquid Quality :	Bearing Housing: Normal / Pr. Stage I	**Bearings : Pump** :- Plain **Thrust :-** Anti Friction

Rated Temperature	65 °C	Rated Flow	100.0 m³/hr	Shut Off Head (± 5%)	201.9 m
Specific Gravity	0.9805	Rated Head	165.0 m	Min. Flow	64.1 m³/hr
Kinematic Viscocity	0.6 cSt	Rated Speed	2960 rpm	Max. BkW	81.2 kW
Vapour Pressure	0.25 bara	NPSH Pump/Plant	2.89/2 m	Driver Make	--
Suction Pressure	0.03 bara	Efficiency	67.4 %	Frame Size	--
Discharge Pressure	15.90 bara	Rated Power	65.4 kW	Max Flow	141 M3/hr
Differential Pressure	15.87 bar	Rated Driver Rating	75 kW		

		Flanges : ASME B16.5		Suc. Curve No. :	1785.452/343
Casing Orientation	Size	Rating	Hyd.Test Pr.	Impeller Dia. :	240 x 15*
Suction : Horizontal	150 mm	CL 150 RF	5.0 kg/cm²	Stg. Curve No. :	R1750.452/323/4
Discharge: Horizontal	100 mm	CL 300 RF	25.8 kg/cm²	Impeller Dia. :	240 x 15*

Sealing : Mechanical Seal	API Plan No.	Medium	Pr.Bar	Temp(°C)	Flow (lpm)	
Mech.Seal Type : Single, Cartridge type	Sealing	-	-	-	-	
Seal Make : KSB /Flowserve / EBIL	Flushing 13	Self	-	-	-	
Size : Later	Quenching 61	-	-	-	-	
Control Drg. No : Later	Cooling -	-	-	-	-	

S.No.	Part Name	Material	S.No.	Part Name	Material	S.No.	Part Name	Material
1	Barrel (CAN)	IS:2062 Gr.250	11	Shaft	410 ch.pl	21	Spacer Sleeve	-
2	Suction Ring	-	12	Impeller	CA6NM	22	Stage Bush	-
3	Suction casing	WCB	13	Suc. Impeller	CA6NM	23	Throttle Bush	-
4	Volute casing	-	14	Stuffing box hsg.	WCB	24	Balancing Disc	-
5	Pump Bowl	-	15	Gland Packing	-	25	Coun.Bal. Disc	-
6	Stage Casing	WCB	16	Seal Cover	-	26	Bal. Piston	-
7	Discharge casing	WCB	17	Wearing Ring	NI-CI	27	Tie Rods	EN24 V
8	Cover	-	18	Impeller Ring	-	28	Distributor casing	IS:2062 Gr.250+A106+A10
9	Diffuser suction	CA6NM	19	Stage sleeve	NI-CI			
10	Diffuser stage	CA6NM	20	SP Sleeve	AISI 410	29	Column Pipe	IS:2062 Gr.250+A1

Driver : Electric Motor	Coupling Type :	Coupling Guard : Normal
Procurement : KSB	Flexible disc with spacer Coupling	Base Frame : MS Fabricated
		Motor Side to be drilled & tapped

Bearing Lubrication : **Sump Oil**		Paint As per KSB STD.
Execution : Indoor	Direction of pump rotation as seen from drive end **CCW**	

Remarks : NPSH available at pump mounting floor = 2m after strainer losses

Barrel length = 1850mm Setting depth = 1485mm Col. Pipe = 1200mm

Pump will be perf tested with test bed motor, with water at ambient temp.

PART LIST NO.: **AGGREGATE NO. :**

	Prepared	Checked	Part list booked	Part list released	Aggregate released
Sign & Date	LSV	ARS			
Revision	0	0			
Sign Date	24-Jul-23	24-Jul-23			

Digitally signed by Butchila Gheorghe
Date: 2023.08.07 09:02:12 EEST
Reason: MoldSign Signature
Location: Moldova