

PUMP DATA SHEET FOR PLUNGER PUMPS

Technical Data Sheet	Company Name:		
	Job:	Customer Ref#:	
Reciprocating Pump	Pos.:	Date:	SAP:
Manufacturer: URACA	Bldg.:	Contact:	Page 1 of 2

Brief description:	
	Quantity

Operating Data – to be completed by Buyer

Pumping	Metric	US	Notes
Liquid Medium?			
Characteristic of liquid (poisonous, aggressive)			
Solids	% of mass		
	Hardness (soft, hard)		
	Size Mm/		
	Specific gravity kg/m ³		
Capacity	Rated m ³ /h/gpm		
	min. required / available m ³ /h/gpm		
	max. required / available m ³ /h/gpm		
Suction pressure bar g/psi			
Discharge pressure bar g/psi			
Operating temperature (O. T.) °C/°F			
Vapor pressure pabs at O.T. bar g/psi			
Differential pressure bar g/psi			
Specific gravity at O. T. kg/m ³			
Dyn. viscosity at O. T. mPas			
Freezing point °C/°F			
NPSH available / required m/psi			

Materials – By Manufacturer (more details in our proposal)

Pump Liquid End / Valve block			
Valves			
Plungers			
Packing			

Standards to be held – By Buyer (list any standards default to Factory Standards)

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General Data – by Buyer (please complete as much as possible)

DRIVER		Control	yes	no
Electric Direct drive		Frequency control		variable speed drive
Electric Pulley		Stroke control		explosion proof
Diesel Direct		Manual		electronic
Diesel Pulley		Pneumatic		electr. - pneumatic
Steam Drive				
Plant Location:		Service:		
Site conditions:				
Hazardous Area Class:		Electrical Spec:		
Indoor / Outdoor:		Electrical Class:		
Ambient Temp:		Special Conditions:		
Suction Line size:		Avail Air:		
Pump Room:	Yes No			

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No of pumps required			Pump Arrangement
Operation Hrs/day:			horizontal
Standby units required:			vertical
			Inlet side left (Facing liquid end)
			Inlet side right (Facing liquid end)

Sound pressure level		Min. required	dB(A)
		Guaranteed max. acoustic power level: below dB(A) at 1 m from source (OSHA)	

Pump type		Motor type	
Pump model		Frame	
Pump size		Shape	
Serial No.		Motor output	kW
		Speed	1/min.
		Voltage	V
		Frequency	Hz
		Ex - proof	

Scope of Delivery – by Buyer

Driver / Motor	Counter flanges
Driver assembly	Fluid converter
Coupling (s)	Gear
Coupling guard (s)	Heat exchanger / Oil cooler
Base plate and anti vibration pads	V - belt drive
Foundation bolts	V - belt guard
Oil pump	Pulsation dampener / suction side
Lubrication piping / Flush piping	Pulsation dampener / discharge side
Frequency Control (VFD)	Test and filling device
Control cabinet	System monitor
Temperature control on suction side	Overflow/Safety valve
Discharge manifold	Pressure control device for lube oil system
Strainer, Return valve	Suction pressure control (protection against dry running and cavitation)

Notes:
