

CONTRACTOR:  tara engineering co. شرکت مهندسی تارا		PROJECT: طرح تأمین آب شهر رابر از سد صفا رود (شهیدان امیر تیموری) به شهر رابر		CLIENT:  شرکت سهامی آب منطقه ای کرمان		CONSULTANT: 	
Doc. title : PUMP Data sheet		REV : 00	Page Number :		Date: 97. 02 .15		
Equipment : Jockey Pumps		Location: KERMAN PUMP STATION		1 / 1	By : M.ABOLHASANI		
		No. in P&ID: P - 202			Chk'd : N.HOSEINZADEH		
Data sheet for :		consultant ✓	client ✓	purchaser	contract Doc.	Manufacturer	
Appr'd : M.MADDAH							Quantity : 1 units
GENERAL SPECIFICATION							
Duty:	Jockey Pump					-	
Model:	MC-200/4						
No. of Stages:	4						
Pump Type:	High Pressure multistage centrifugal Pump					-	
Number of Pump:	1					no.	
Operation :	Intermitent					-	
Liquid Type:	WATER					-	
Normal Capacity :	720					m³/hr	
Min/Max Amb. Temperature:	-5-40					°c	
Min/Max Water temperature:	10 - 30					°c	
Fluid Density:	1030					kg/m³	
Fluid Max. Viscosity (@10° C):	1.3					cp	
Suction Pressure (Min):	1					barg	
NPSH Avilable:	8.5					m	
NPSH Required:	6					m	
Discharge Pressure:	330					m	
Differential Pressure:	32					bar	
Required Head:	340					m	
Installation Condition:	Indoor					m	
Method of Starting Spare Pump:	Automatic/Manual					m	
Arrangement:	Horizontal					-	
Pump Dimension :	2340*1135*1130					mm	
Suction Flange Diameter/Rate:	DN 250/ PN40					-	
Discharge Flange Diameter/Rate:	DN 200/ PN100						
Discharge Orientation:	Vertical					-	
Impeller Diameter :	480					mm	
Efficiency :	80					%	
Power Transfer System:	Motor					-	
Approximate Pump weight:	3100					kg	
Material Specification							
Housing :	GGG-40						
Impeler :	GGG-25						
Shaft :	ST60-2						
Electrical Specification							
Rated Power:	800					KW	
Mains Frequency:	50					HZ	
Motor speed:	1450					rpm	
Motor enclosure:	IP 55					-	
Insulation Class:	F					-	
Lubricatant Type:	Grease					-	
MANUFACTURER :	PUMPIRAN						