










OWNER:  شرکت سست و سویی توهمه ایران (سهامی خاص)	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	<b>MAIN OIL PUMP MECHANICAL DATA SHEET FOR EMERGENCY INSTRUMENT AIR COMPRESSOR</b>								
MC :  شرکت سست و سویی توهمه ایران (سهامی خاص)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-11K	BU	20	VD	303	ME	DSH	0072	Rev.:	Page
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## MAIN OIL PUMP MECHANICAL DATA SHEET FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

02	07/01/2022	Approved for Construction	KP	LdM	CL	
01	15/12/2021	For approval	KP	LdM	CL	
00	16/11/2021	For approval	KP	LdM	CL	
Rev	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: P



<b>VENDOR</b> 		<b>MAIN OIL PUMP MECHANICAL DATA SHEET FOR EMERGENCY INSTRUMENT AIR COMPRESSOR</b>		P.O. No. 52-98/445
				Document No. 17811-11K
				Sheet No. 3
				Rev.No 02
<b>CONTRACTOR / END USER</b>    		<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>		Service instrument air compressor 20-C-7080
<b>SHAFT DRIVEN OIL PUMP</b>				
1				
2	<b>No. Required</b>	1		
3	<b>MFR Supplier</b>	Mehrer		
4	<b>Type of Pump :</b>	Gear Pump (Shaft driven)		
5	<b>Oil Type (Pumping Fluid) :</b>	Klüber Summit PS300		
6	<b>Capacity :</b>	30 - 50 L/h		
7	<b>Min.. Oil Temperature :</b>	5 °C		
8	<b>Max. Oil Temperature :</b>	70 °C		
9	<b>Max. Allowable Oil Pressure / MAWP :</b>	1 bar(g)		
10	<b>Min. Allowable Oil Pressure :</b>	0,5 bar(g)		
11	<b>Operating Oil Pressure :</b>	0,7 bar(g)		
12	<b>PRV Set Pressure :</b>	0,7 bar(g)		
13	<b>Location :</b>	Rear bearing cover		
14	<b>Material of pump :</b>	SS gear and Nodular iron body		
15	<b>Design Temperature :</b>	-5 to 85°C		
16	<b>Design pressure</b>	3.5 bar(g)		
17	<b>RPM of Pump</b>	Gear driven so not applicable		
18	<b>Design</b>	manufacturer standard		
19	<b>NOTES : The real conditions depends on the environmental temperatures and the working conditions as speed and duty circle.</b>			