











OWNER:  شرکت سست و سویی توهمه ایران (سهامی خاص)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT							EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	
	MAIN OIL PUMP MECHANICAL DATA SHEET FOR EMERGENCY INSTRUMENT AIR COMPRESSOR							 Netherlands	
MC :  شرکت سست و سویی توهمه ایران (سهامی خاص)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
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MAIN OIL PUMP MECHANICAL DATA SHEET FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

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

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