
















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	
MC :  شرکت سست و سویی توهمه ایران (سهامی خاص)	<b>MAIN OIL PUMP MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER</b>								
Owner Document Number: 17811-11E	<b>Project</b> BU	<b>Area</b> 20	<b>Phase</b> VD	<b>Unit</b> 303	<b>Dis.</b> ME	<b>Doc.</b> DSH	<b>Seq.</b> 0019	<b>Contract No : 52-98/445</b>	
								<b>Rev.:</b> 01	<b>Page</b> 1 of 3

## MAIN OIL PUMP MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER

01	15/12/2021	For approval		KP	LdM	CL	
00	16/11/2021	For approval		KP	LdM	CL	
<b>Rev</b>	<b>Date</b>	<b>Purpose of Issue</b>		<b>Prepared</b>	<b>Checked</b>	<b>Approved</b>	<b>AC Code</b>
						<b>Class: 1</b>	<b>Phase: P</b>



<b>VENDOR</b> 		<b>MAIN OIL PUMP DATASHEET</b>		P.O. No. 52-98/445	
<b>CONTRACTOR / END USER</b>     				Document No. 17811-11E	
				Sheet No. 3	
				Rev.No 01	
<b>CONTRACTOR / END USER</b>     		<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>		Service instrument air compressor 20-C-1002	
<b>1 SHAFT DRIVEN OIL PUMP</b>					
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>	4 bar(g)			
10	<b>Min. Allowable Oil Pressure :</b>	1,6 bar(g)			
13	<b>Operating Oil Pressure :</b>	2,0 bar(g)			
14	<b>PRV Set Pressure :</b>	2,0 bar(g)			
15	<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>				