







OWNER:  شرکت سست و سویی توپو ایران (سهایی تپاس)	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>							EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	
	<b>ALL EQUIPMENT NAME PLATE DRAWING</b>							 Netherlands	
MC :  شرکت سست و سویی توپو ایران (سهایی تپاس)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-16	BU	20	VD	303	ME	DWG	0029	Rev.:	Page
								00	1 of 4

Name plate of following equipment shall be added to this document:

- 1- Electrical motors
- 2- Heat exchangers
- 3- Pulsation dampeners
- 4- Name plate for each cylinder as per clause 6.16.5 of API 618 5th edition.

## ALL EQUIPMENT NAME PLATE DRAWING

 شرکت سست و سویی توپو ایران (سهایی تپاس)		 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>	
<b>Document Review</b>					
Issue Purpose:			IFA		
Result Code: AP,AN,CM,RE,NC			CM		
Next Status : IFC,IFA,IFI,AFC,AB			IFA		
Responsible Department			MECHANICAL		
Commented Date			Apr/03/2022		
<b>Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.</b>					

00	22/03/2022	For approval	DH	KP	JR	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: P

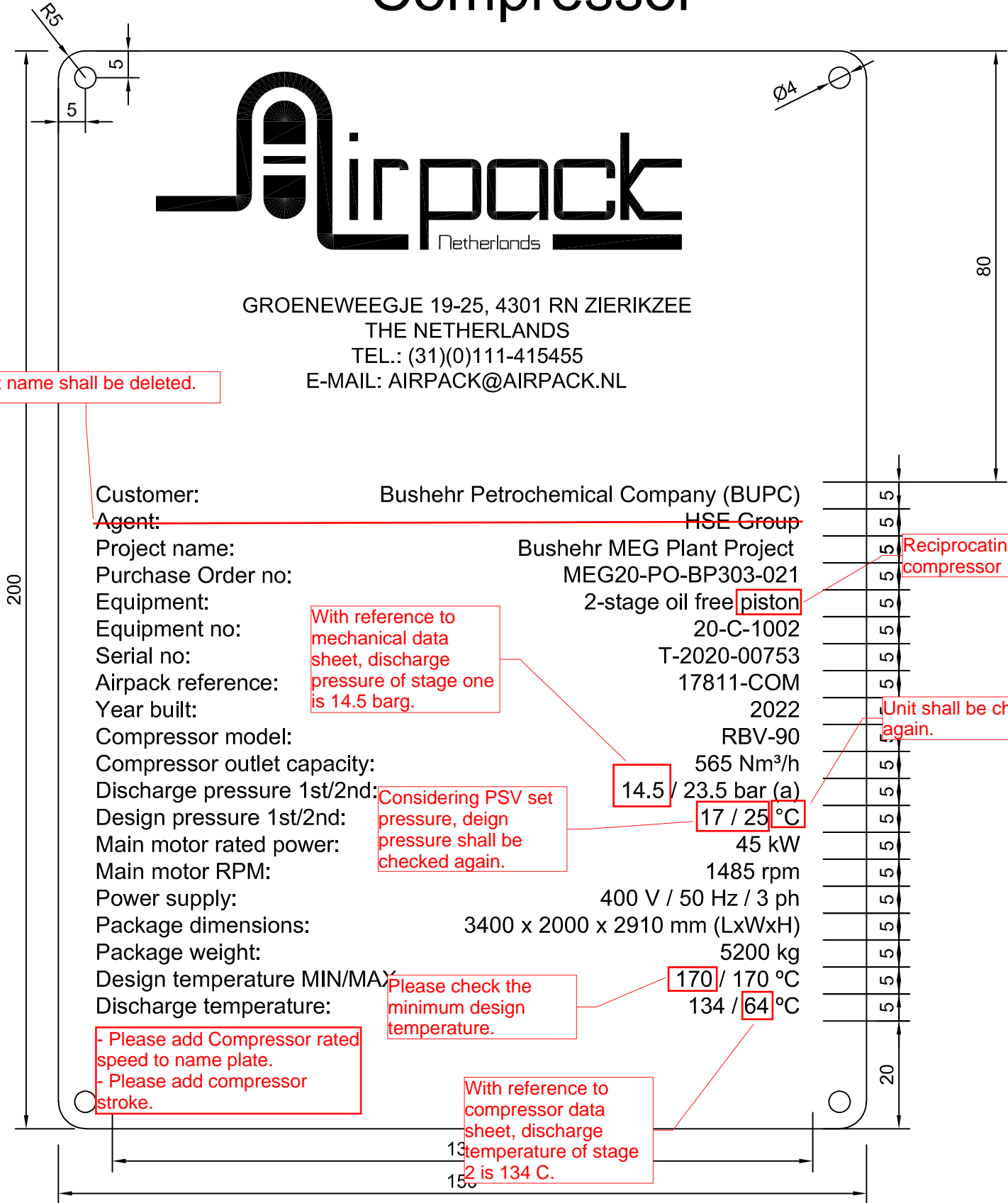


# Compressor



GROENEWEEGJE 19-25, 4301 RN ZIERIKZEE  
 THE NETHERLANDS  
 TEL.: (31)(0)111-415455  
 E-MAIL: AIRPACK@AIRPACK.NL

Agent name shall be deleted.



Customer:	Bushehr Petrochemical Company (BUPC)
Agent:	HSE Group
Project name:	Bushehr MEG Plant Project
Purchase Order no:	MEG20-PO-BP303-021
Equipment:	2-stage oil free piston
Equipment no:	20-C-1002
Serial no:	T-2020-00753
Airpack reference:	17811-COM
Year built:	2022
Compressor model:	RBV-90
Compressor outlet capacity:	565 Nm <sup>3</sup> /h
Discharge pressure 1st/2nd:	14.5 / 23.5 bar (a)
Design pressure 1st/2nd:	17 / 25 °C
Main motor rated power:	45 kW
Main motor RPM:	1485 rpm
Power supply:	400 V / 50 Hz / 3 ph
Package dimensions:	3400 x 2000 x 2910 mm (LxWxH)
Package weight:	5200 kg
Design temperature MIN/MAX:	170 / 170 °C
Discharge temperature:	134 / 64 °C

With reference to mechanical data sheet, discharge pressure of stage one is 14.5 barg.

Considering PSV set pressure, deign pressure shall be checked again.

Please check the minimum design temperature.

With reference to compressor data sheet, discharge temperature of stage 2 is 134 C.

- Please add Compressor rated speed to name plate.  
 - Please add compressor stroke.

Reciprocating compressor

Unit shall be checked again.

MOC Nameplate : SS316  
 MOC Rivet : SS316  
 Nameplate thickness : 3 mm

