

OWNER:



**BUSHEHR PETROCHEMICAL COMPANY
MEG PLANT**

EPC CONTRACTOR:



MC :






**Pulsation dampers mechanical data sheet
for reciprocating compressor**



Owner Document Number: 17811-11C	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
	BU	20	VD	303	ME	DSH	0027	Rev.:	Page
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**Pulsation dampers mechanical data sheet for reciprocating
compressor**



00	11/12/2020	For approval		KP	KP	KP	
Rev.	Date	Purpose of Issue		Prepared	Checked	Approved	AC Code
						Class: 1	Phase: P

OWNER  شرکت پتروشیمی بوتهر B.U.P.C.	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR: 		
	Pulsation dampers mechanical data sheet for reciprocating compressor								
MC :  شرکت سفت و سوی توسعه ایرانیان	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
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VENDOR				Pulsation damper mechanical datasheet		P.O. No.	52-98/445
						Document No.	17811-11C
						Sheet No.	3
						Rev.No	00
CONTRACTOR / END USER				BUSHEHR PETROCHEMICAL COMPANY MEG PLANT			
						Service	instrument air and nitrogen compressor packages
1	inlet pulsation damper (20-DC-7080-1)						
2	OPERATING PRESSURE	Bar(g)	8,5 bar(a)				
12	DESIGN PRESSURE	Bar(g)	12,5 bar(g)				
13	HYDROTEST PRESSURE	Bar(g)	TBC				
14	OPERATING TEMPERATURE	°C	5-55				
15	DESIGN TEMPERATURE	°C	0-80				
16	DESIGN CODE		ASME VIII				
17	MATERIAL CERTIFICATE		3.1				
18	MATERIAL OF CONSTRUCTION		Carbon steel				
19	NOZZLE SIZE INLET/OUTLET		2" 150#				
22	DIMENSIONS	DIx TT	8" x 750mm				
23	WEIGHT EMPTY	kg	65				
24	WEIGHT FILLED WITH WATER	kg	95				
25	CAPACITY	Liters	30				
26	TESTING AS PER CODE		ASME VIII				
27	CORROSION ALLOWANCE	mm	1,5				
32	PWHT	Yes/No	No				
1	outlet pulsation damper (20-DC-17080-2)						
2	OPERATING PRESSURE	Bar(g)	21,5 bar(a)				
12	DESIGN PRESSURE	Bar(g)	25 bar(g)				
13	HYDROTEST PRESSURE	Bar(g)	TBC				
14	OPERATING TEMPERATURE	°C	5-55				
15	DESIGN TEMPERATURE	°C	0-80				
16	DESIGN CODE		ASME VIII				
17	MATERIAL CERTIFICATE		3.1				
18	MATERIAL OF CONSTRUCTION		Carbon steel				
19	NOZZLE SIZE INLET/OUTLET		2" 1300#				
22	DIMENSIONS	DIx TT	8" x 750mm				
23	WEIGHT EMPTY	kg	67				
24	WEIGHT FILLED WITH WATER	kg	97				
25	CAPACITY	Liters	30				
26	TESTING AS PER CODE		ASME VIII				
27	CORROSION ALLOWANCE	mm	1,5				
32	PWHT	Yes/No	No				
33							
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