



DEHDASHT PETROCHEMICAL INDUSTRY COMPANY
DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT



DOCUMENT TITLE: Oil Filter Data Sheet

POI: IFA

Contract No.: DPIC/98-12

DOCUMENT NUMBER: DPIC9812-000-VD-1002-ME-DS-0077

Rev. No.: D0

DOCUMENT TITLE:

Oil Filter Data Sheet

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PURCHASER'S COMMENT/APPROVAL STATUS					Purchaser: NARGAN
1	AP: Approved (Released for Manufacturing)				Requisition No.: DPIC98-12-001-000-ME-MR-4150-0001-D1
<input checked="" type="checkbox"/>	AN: Approved With Minor Comments (Fabrication may Proceed)				
3	NF: Approved With Comments (Fabrication not Proceed)				Item No. (Tag No.): PK-6101
4	RJ: Rejected				
5	NR: Not be Returned				Vendor Doc. No.: DPIC9812-000-VD-1002-ME-DS-0077-D0
Date: 06.12.2021		Signature: A.AB			
D0	22.Nov..21	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
REV	DATE ISSUE	PREPARED	CHECKED	APPROVED	



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1 SERVICE: OIL FILTER		ITEM NO. : F-PK-6101-1A/B, F-PK-6101-2A/B		INSTALLATION: OUTDOOR			
2 NO. REQUIRED: 2x duplex		SIZE: ID= 8"(*) mm L= 1300(*) mm		CAPACITY: * m3			
3 FLUID: LUBE OIL		WEIGHT: EMPTY * OPERATION * FULL OF WATER * kg					
DESIGN & TEST DATA				NOZZLE & CONNECTIONS			
5 CODE REQUIRED: ASME SECT.VIII DIV.1(NO STAMP)		weight will be given in mechanical drawing		RATING		SERVICE	
6 PRESSURE: OPERATING 22.3 bar				ASME 300#		INLET	
7 DES: please specify as per code 5.0 barG		B 1 3"		ASME 300#		OUTLET	
8 EMER.VAC.DESIGN FV		D1 2 2"		ASME 300#		DRAIN DIRTY	
9 HYDROSTATIC TEST		D2 2 2"		ASME 300#		DRAIN CLEAN	
10 PNEUMATIC TEST		Y 2 2"		ASME 300#		VENT	
11 TEMPERATURE: OPERATING 50.0 (°C)		will be given in mechanical drawing					
12 DESIGN 120 (°C)							
13 CORROSION ALLOWANCE: SHELL & HEADS 3.0 mm							
14 INTERNALS 0.0 mm		Please specify					
15 TYPE OF HEAD: FLAT							
16 STRESS RELIEVING:		will be given in mechanical drawing					
17 X-RAY :							
18 JOINT EFFICIENCY (%):							
MATERIALS				FILTERING			
20 SHELL & HEADS SA106 Gr.B		Internal material shall be S.S.		LIQUID		FLUID LUBE OIL LIQUID	
21 SUPPORT SADDLES BRACKETS C.S				DESIGN FLOW 240 x1.2 LPM			
22 INTERNALS C.S				DENSITY 887 kg/m3			
23 NOZZLE NECKS C.S				VISCOSITY 2.2 Cp			
24 NOZZLE FLANGES SA105				MOLECULAR WEIGHT -			
25 BOLTS & NUTS (EXT.) A193 B7 / A194 2H				TEMPERATURE 80~ 50 (°C)			
26 GASKETS VITON		let element vendor to decide about it		PRESSURE 22.3 barG		95 os ok	
27 BOLTS & NUTS (INT.) -				SOLID RUST			
28				FLOW RATE 99 kg/hr		Please consider 99	
29				DENSITY 95 kg/m3			
30				PARTICLE SIZE 10 μm		95 %	
31				PARTIAL SEPARATION EFFICIENCY 10 μm		%	
32				PARTIAL SEPARATION EFFICIENCY 10 μm		%	
33 LIFTING LUG , EARTH LUG , NA		these items will be complete after finalizing element parts		PARTIAL SEPARATION EFFICIENCY 10 μm		%	
34 EQUALIZING VALVE LOCKABLE				PARTIAL SEPARATION EFFICIENCY 10 μm		%	
35 INSULATION : NO mm				TYPE CARTRIDGE			
36 FIRE PROOFING: NO				PRESS. DROP CLEAN/DIRTY <0.25 (*) / < 1.0 bar			
37				MATERIAL S.S.304			
38				BORE DIAMETER * μm			
39				PARTICLE TO BE REMOVED 10 μm 95 %wt			
40				NO. OF CARTRIDGES 2 m2			
41				OPENING AREA * m2			
42							
NOTES							
1. All internal welds shall be ground flush & sharp corners shall be rounded off.							
2. * marks shall be decided by filter element vendor.							
please complete data							
these items will be complete after finalizing element parts							
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