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	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.: D2

DOCUMENT TITLE:

Oil Filter Data Sheet
(F-PK6101-1A/2A, F-PK6101-1B/2B)

PURCHASER'S COMMENT/APPROVAL STATUS					Purchaser: NARGAN
1	AP: Approved (Released for Manufacturing)				Requisition No.: DPIC98-12-001-000-ME-MR-4150-0001-D1
X	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-D2
Date:		07.03.2022	Signature:		
					
D2	02.Feb..21	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
D1	19.Dec..21	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
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/2A, F-PK-6101-1B/2B	INSTALLATION	OUTDOOR
2	NO. REQUIRED:	2x duplex	SIZE:	ID= 8"(*) mm L= 1300(*) mm	CAPACITY	35 x 2 lit
3	FLUID:	LUBE OIL	EMPTY	715	OPERATION	745
4	DESIGN	ASME SECT.VIII DIV.1 (NO STAMP)	NOZZLE & CONNECTIONS			
5	OPERATING	22.3 barG	MARK	NO	SIZE	RATING
6	DESIGN	25.0 barG	A	1	3"	ASME 300#
7	OPER.VAC.DESIGN	F.V	D1	2	2"	ASME 300#
8	HYDROSTATIC TEST	37.5 barG	D2	2	2"	ASME 300#
9	PNEUMATIC TEST	- barG	V	2	2"	ASME 300#
10	TEMPERATURE: OPERATING	50.0 (°C)	-45/120			
11	CORRECTION HEADS	3.0 mm				
12	ALL CORRECTIONS	0.0 mm				
13	TYPE OF HEAD:	FLAT				
14	STRESS RELIEVING:					
15	X-RAY :	N.A.				
16	JOINT EFFICIENCY (%):	0.85				
17	MATERIALS		FILTERING			
18	SHELL & HEADS	SA106 Gr.B	FLUID			
19	SUPPORT SADDLES BRACKETS	SA 283	LUBE OIL LIQUID			
20	INTERNALS	S.S	DESIGN FLOW			
21	NOZZLE NECKS	SA106 Gr.B	240 x 1.3 LPM			
22	NOZZLE FLANGES	SA105	DENSITY			
23	BOLTS & NUTS (EXT.)	A193 B7 / A194 2H	887			
24	GASKETS / ORING		VISCOSITY			
25	BOLTS & NUTS		2.2			
26	GASKETS / ORING		MOLECULAR WEIGHT			
27	BOLTS & NUTS		-			
28	BOLTS & NUTS		TEMPERATURE			
29	BOLTS & NUTS		80~ 50 (°C)			
30	BOLTS & NUTS		PRESSURE			
31	BOLTS & NUTS		22.0 ~ 23.0 barG			
32	ACCESSORIES		SOLID			
33	LIFTING LUG , EARTH LUG , NAME PL, COVER DAVIT		RUST			
34	EQUALIZING VALVE LOCKABLE TYPE		FLOW RATE			
35	TRANSFER VALVE		TRACE kg/hr			
36	INSULATION :	NO mm	DENSITY			
37	FIRE PROOFING:	NO	PARTICLE SIZE			
38			10			
39			PARTIAL SEPARATION EFFICIENCY			
40			μm %			
41			μm %			
42			μm %			
43			ELEMENT			
44			TYPE			
45			CARTRIDGE			
46			PRESS. DROP CLEAN/DIRTY			
47			<0.25 (*) / < 1.0 bar			
48			MATERIAL			
49			S.S.304			
50			BORE DIAMETER			
51			* μm			
52			PARTICLE TO BE REMOVED			
53			10 μm 95 %wt			
54			NO. OF CARTRIDGES			
55			2 m2			
56			OPENING AREA			
57			* m2			

43 NOTES

44 **1. All internal welds shall be ground flush & sharp corners shall be rounded off.**

45 **2. * marks shall be decided by filter element vendor.**

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47 Please add following items:

48 -number of filter elements cartridges in one stack

49 -Please specify elements can be washable

50 -Please specify mesh sizes

51 -Please specify minimum collapsing differential pressure

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SKETCH

