

PROJECT: PP-PE PILOT PLANT

client:



شرکت ملی صنایع پتروشیمی  
شرکت پژوهش و فناوری پتروشیمی

TITLE: DATA SHEET FOR DIVERTER VALVES (DV-  
5401,5402,5403,5404,5405)

## DATA SHEET FOR DIVERTER VALVES (DV- 5401,5402,5403,5404,5405)

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Type: DAS

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<b>PROJECT : PP-PE PILOT PLANT</b>		Client:	
<b>TITLE: DATA SHEET FOR DIVERTER VALVES (DV-5401,5402,5403,5404,5405)</b>		 شرکت ملی صنایع پتروشیمی شرکت پژوهش و فناوری پتروشیمی	
1	APPLICABLE TO: <input type="radio"/> PROPOSAL <input checked="" type="radio"/> PURCHASE <input type="radio"/> AS BUILT <input type="radio"/> DATE	REVISION	_____
2	FOR <u>NPC R&amp;T</u>	UNIT	<u>500</u>
3	SITE <u>NPC R&amp;T CENTRE - ARAK - IRAN</u>	SERIAL NO.	<u>DV-5401, DV-5402, DV-5403, DV-5404, DV-5405</u>
4	SERVICE <u>DIVERTER VALVE</u>	NO.REQUIRED	<u>5</u>
5	MANUFACTURER _____		
6	NOTE: <input type="radio"/> INDICATES INFORMATION TO BE COMPLETED BY PURCHASER <input type="checkbox"/> BY MANUFACTURER		
7	<b>● GENERAL</b>		
8	FAN/BLOWER MFR. _____ MODEL _____	SERIAL NO _____	
9	DRIVER MFR. _____ DRIVER TYPE _____	RATED KW _____	RPM _____
10	DRIVER SYSTEM <input type="checkbox"/> DIRECTED COPILED <input type="checkbox"/> OTHER _____		
11	<b>OPERATING CONDITIONS</b>		
13	OPERATING TEMPERATURE (C):		<u>-28/+120</u>
14	OPERATING PRESSURE (Bar):		<u>Amb.</u>
15	AMBIENT TEMPERATURE (C):		<u>-28/+44</u>
20	<b>CONSTRUCTION FEATURES</b>		
21	SIZE:		<u>2" (SS)</u>
22	RATINGS:		<u>ANSI 150 lbs</u>
	SOLENOID VALVE:		<u>24V/DC EEx IIC T4 IP65 (3.9 W)</u>
	LIMIT SWITCH:		<u>GK II 2G/2D ; NAMUR T(max)=100 C</u>
	<b>SPECIAL ELECTRICAL EQUIPMENT (at electro pneumatic operation)</b>		
	SPECIAL SOLENOID VALVE:		<u>8 VDC Eexia</u>
	SPECIAL LIMIT SWITCH:		<u>8 VDC Eexia</u>
	SPECIAL TERMINAL BOX:		<u>Eexia</u>
32	<b>SITE &amp; UTILITY DATA</b>		
33	LOCATION:	UTILITY CONDITIONS:	
34	<input type="radio"/> INDOOR <input type="radio"/> HEATED <input type="radio"/> UNDER ROOF	STEAM	DRIVERS HEATING
35	<input checked="" type="radio"/> OUTDOOR <input type="radio"/> UNHEATED <input type="radio"/> PARTIAL SIDES	INLET	MIN. _____ (BARG) (KPa) _____ °C _____ (BARG) (KPa) _____ °C
36	<input type="radio"/> ELECTRICAL AREA CLASS: <b>EX</b>		NORM. _____ (BARG) (KPa) _____ °C _____ (BARG) (KPa) _____ °C
37	CLASS <u>I</u> GROUP <u>C</u> DIVISION <u>2</u>		MAX. _____ (BARG) (KPa) _____ °C _____ (BARG) (KPa) _____ °C
	Protection <u>IP55</u>		
38	<input checked="" type="radio"/> WINTERIZATION REQ'D. <input type="radio"/> TROPICALIZATION REQ'D.		MIN. _____ (BARG) (KPa) _____ °C _____ (BARG) (KPa) _____ °C
39	SITE DATA: (Note 2)		NORM. _____ (BARG) (KPa) _____ °C _____ (BARG) (KPa) _____ °C
40	<input checked="" type="radio"/> ELEVATION <u>1889</u> m BAROMETER <u>810</u> (mBAR)		MAX. _____ (BARG) (KPa) _____ °C _____ (BARG) (KPa) _____ °C
41	<input checked="" type="radio"/> RANGE OF AMBIENT TEMPS:	ELECTRICITY:	SHUT-DOWN
42	DRY BULB WET BULB		DRIVERS HEATING CONTROL
43	SITE RATED °C _____	VOLTAGE	_____
44	NORMAL °C _____	HERTZ	_____
45	MAXIMUM °C <u>44</u>	PHASE	_____
46	MINIMUM °C <u>-28</u>	COOLING WATER	
47	UNUSUAL CONDITIONS: <input checked="" type="radio"/> DUST <input checked="" type="radio"/> FUMES	TEMP. INLET _____ (°C) TEMP. RETURN _____ (°C)	
48	<input type="radio"/> OTHER _____	PRESS. NORMAL _____ (BARG) (KPa) DESIGN _____ (BARG) (KPa)	
49	REMARKS:	PRESS. RETURN _____ (BARG) (KPa) MAX ALLOW DP _____ (BARG)	
50		WATER SOURCE _____ (Kpa-ABS)	
51		INSTRUMENT AIR: PRESS _____ (barg)	
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