



PRESSURE SAFETY VALVE DATA SHEET

GENERAL	1	TAG NUMBER		HHH			
	2	P&ID NUMBER		III			
	3	SERVICE		D-2001			
	4	QUANTITY		1			
	5	LINE/EQUIPMENT NUMBER		KKK			
	6	SAFETY OR RELIEF		RELIEF			
	7	CONV. BELLOWS. PILOT OP.		CONVENTIONAL			
	8	SEAT TYPE					
	9	BONNET TYPE					
CONN.	10	SIZE:INLET (IN.)	OUTLET (IN.)	1.0	2.0		
	11	RATING:INLET	OUTLET				
	12	FACING:INLET	OUTLET				
MATERIALS	13	BODY & BONNET					
	14	SEAT & DISK					
	15	RESIUENT SEAT SEAL					
	16	GUIDE AND RINGS					
	17	SPRING	BELLOWS				
BASE OF SELECTION	18	CODE/PRACTICE		ASME VIII/API 520			
	19	CAUSE OF OVERPRESSURE		LLL			
	20						
FLUID DATA	21	FLUID		LIQUID			
	22	REQUIRED CAPACITY (KG/HR)		10000.0			
	23	MOL. WEIGHT		NA			
	24	SP. GRAVITY AT FLOW TEMPERATURE		0.850			
	25	VISCOSITY AT FLOW TEMPERATURE (CP)		0.900			
	26	OPER. TEMP. (°C)	FLOW TEMP. (°C)	60.0	150.0		
	27	OPER PRESS. (BARG)	SET PRESS. (BARG)	5.0	6.8		
	28	CONSTANT BACK PRESSURE (BARG)		0.50			
	29	VARIABLE BACK PRESSURE (BARG)		0.00			
	30	% ALLOWABLE OVER PRESSURE		10%			
	31	OVER PRESSURE FACTOR					
	32	COMPRESSIBILITY FACTOR		NA			
	33	LATENT HEAT (BTU/LB)		NA			
	34	RATIO OF SPECIFIC HEATS (CP/CV)		NA			
35	BUBBLE TIGHT AT 90% SET PRESSURE						
ORIFICE AREA	36	CALCULATED (mm ²)		124.0			
	37	SELECTED (mm ²)		126.5			
	38	ORIFICE DESIGNATION		E			
ACCESSORIES	39	CAP : SCREWED OR BOLTED					
	40	LEVER : PLAIN OR PACKED					
	41	TEST GAG.					
	42	VENT W/BUG SCREEN					
	43	BOLTING					
	44	MANUFACTURER	MODEL NUMBER				
NOTE:							
REV.	PREPARED BY	CHECKED BY	APPROVED BY	DATE			

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