

DIMENSIONS & DATA CERTIFIED FOR:

Representative:

Order:

Customer:

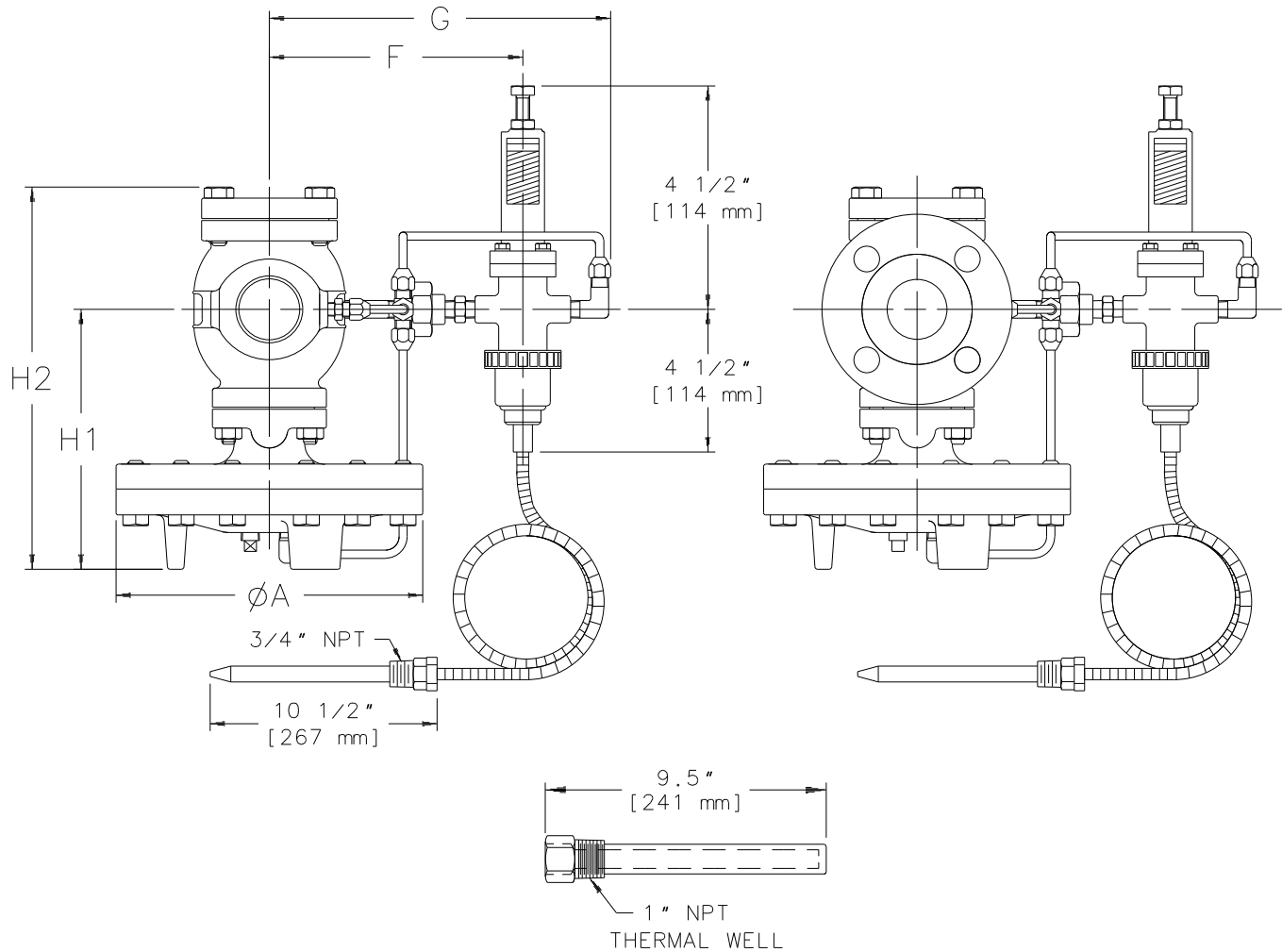
Order:

Project:


Requirements:

By:

Date:



List Of Materials				
	Body Material	Seat Type & Material	Valve Material	Maximum Temperature
Main Valve	Ductile Iron ASTM A536	Single Seat Stainless Steel AISI 304	Stainless Steel AISI 420	450 °F [232 °C]
Temperature Pilot Valve	Bronze ASTM B584			



Armstrong Pressure/Temperature Group
221 Armstrong Blvd.,
Three Rivers, MI. 49093
Armstrong (269) 279-3600 Fax(269) 273-8656
Posted on www.armstronginternational.com


Product	CD No.	Date
OB-2000L	2233	02/05/09
		Rev. A

Dimensions & Weights										
SIZE	Face-to-Face		H1	H2	A	F	G	Weight		Cv [Kv]
	NPT	CL. 150						NPT	CL. 150	
1/2" [15]	5-15/16" [151mm]	—	6-3/4" [171mm]	9-5/8" [244mm]	7-15/16" [202mm]	6-5/8" [168mm]	8-3/4" [222mm]	31 lbs. [14kgs]	—	5.0 [4.3]
3/4" [20]	5-15/16" [151mm]	—	6-3/4" [171mm]	9-5/8" [244mm]	7-15/16" [202mm]	6-5/8" [168mm]	8-3/4" [222mm]	31 lbs. [14kgs]	—	7.2 [6.2]
1" [25]	6-5/16" [160mm]	—	7" [178mm]	10" [254mm]	8-15/16" [227mm]	6-7/8" [175mm]	8-7/8" [225mm]	39 lbs. [18kgs]	—	10.9 [9.4]
1-1/4" [32]	7-1/8" [181mm]	—	7-5/8" [194mm]	11-1/8" [283mm]	8-15/16" [227mm]	7-1/8" [181mm]	9-1/4" [235mm]	47 lbs. [21kgs]	—	14.3 [12.4]
1-1/2" [40]	7-1/8" [181mm]	—	7-5/8" [194mm]	11-1/8" [283mm]	8-15/16" [227mm]	7-1/8" [181mm]	9-1/4" [235mm]	47 lbs. [21kgs]	—	18.8 [16.3]
2" [50]	9-1/16" [230mm]	8-9/16" [217mm]	8-5/8" [219mm]	12-5/8" [321mm]	10-15/16" [278mm]	7-1/16" [179mm]	9-1/2" [241mm]	71 lbs. [32kgs]	77 lbs. [35kgs]	32 [27.7]
2-1/2" [65]	—	10-15/16" [278mm]	10-1/2" [267mm]	14-3/4" [375mm]	13-13/16" [351mm]	8-1/8" [206mm]	10-1/8" [257mm]	—	138 lbs. [63kgs]	60 [51.9]
3" [80]	—	11-3/4" [298mm]	11-1/8" [283mm]	15-3/4" [400mm]	13-13/16" [351mm]	8-9/16" [217mm]	10-5/8" [270mm]	—	149 lbs. [68kgs]	78 [67.5]
4" [100]	—	13-1/2" [343mm]	13-5/8" [346mm]	19-1/4" [489mm]	15-13/16" [402mm]	9-1/4" [235mm]	11-1/4" [286mm]	—	234 lbs. [106kgs]	120 [104]

Specifications					
Application	Inlet Pressure	Min. Differential Pressure	Temperature Ranges	Temperature Accuracy	Capillary Lengths
Steam	NPT 5-15 psig [.3-1 bar]	3 psig [0.21 bar]	18 - 59 °F [-7.8 - 15 °C]	±2 °F [±1 °C] From Set Point	6-1/2 ft. (Std) [2 m]
			50 - 97 °F [10 - 36 °C]		
			86 - 144 °F [30 - 62 °C]		9-1/2 ft [3 m]
	131 - 201 °F [55 - 94 °C]		16-1/2 ft [5 m]		
	176 - 260 °F [80 - 127 °C]				
	239 - 361 °F [115 - 183 °C]				
CL. 150 FLG. 5-15 psig [.3-1 bar]					

Sensor and Accessories Specifications					
Capillary Material	Capillary Temp. Ranges	Bulb Material	Bulb Connection	Thermal Well Material	Thermal Well Connection
Copper Capillary Tube With 304 Stainless Steel Armor Shield	18 - 59 °F [-8 - 15 °C] 50 - 97 °F [10 - 36 °C] 86 - 144 °F [30 - 62 °C] 131 - 201 °F [55 - 94 °C] 176 - 260 °F [80 - 127 °C] 239 - 361 °F [115 - 183 °C]	Nickel Plated Copper Bulb	3/4" NPT	*Brass *304 Stainless Steel	1" NPT

NOTE: *Standard. Other material available upon request.
Capillary can withstand a maximum of 36°F [20°C] above rated range.

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