



**Submittal Data**  
**PFV55U Union Ball Valve with HDPE Fusion Connections**  
**(ships with 1-1/4" PVC adapters)**



Project Name:		Representative:
Contractor:		Engineer:
Ref/P.O.#:		Date:
Submitted by:		Date:
<u>Qty:</u>	<u>Part #:</u>	<u>Description</u>

**Technical Data**

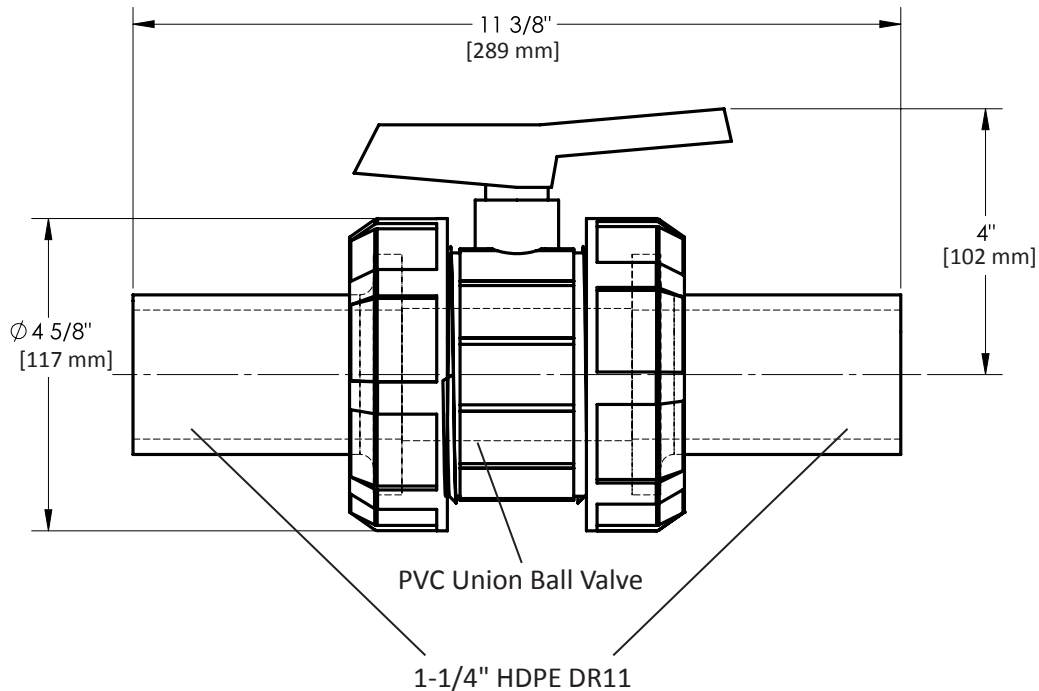
Application: Union ball valve for geothermal systems with 1-1/4" HDPE pipe  
 Material:\* PVC valve body, shaft, union nut, and ball; PP handle; HDPE ball seats and connection to piping system; EPDM shaft and body O-rings, dampener seal, and end connector O-ring  
 Flow Coefficient: Cv = 210 [Kv = 3000]  
 Connections: 1-1/4" IPS HDPE DR11 pipe x union. Ships with 1-1/4" PVC adapters.

Max. Fluid Temperature: 140°F [60°C]\*\*  
 Min. Fluid Temperature: 20°F [-7°C]\*\*  
 Max. Operating Press.: 100 psi [6.9 bar] @ 100°F [38°C]\*\*  
 Approved Antifreeze: Ethanol, Methanol, Propylene Glycol

\*PVC is polyvinyl chloride; PP is polypropylene; HDPE is high density polyethylene; EPDM is ethylene propylene diene monomer (M-class) synthetic rubber.

\*\*The assembly consists of PVC and HDPE material. Above parameters are the lower of the two values for HDPE and PVC.

**Dimensional Data**



**NOTES:**

1. Dimensional data provided for informational purposes, and is rounded to nearest 1/16".
2. Metric data is a simple conversion of imperial data, and should not be considered more accurate.



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