



HYDRA DUMP VALVE DATA SHEET

Company Name: _____
 Address: _____
 City: _____
 State: _____ Zip: _____
 Project Reference: _____

Date: _____
 Person Requesting: _____
 Phone: _____
 Fax: _____
 Email: _____

After careful evaluation of the information supplied below, Hydroplex may recommend a body style and trim that differs from the configuration requested. In some cases, Hydroplex may also propose a multistage drop to increase product service longevity. The accuracy of the information provided below will assist us in providing you the most productive and efficient application.

SERVICE CONDITIONS

Flow Rate (Per 24 Period)			Units:
Inlet Pressure	PSIG	* A Cycle is the duration of time from initial open to close.	
Outlet Pressure	PSIG	<input type="checkbox"/> Dump to Atmospheric Tank	
Fluid Temp.	Norm.	Max.	Select Valve Style: <input checked="" type="checkbox"/>
Spec. Wt./Spec. Grav./Mol. Wt.			  <input type="checkbox"/> Inline <input type="checkbox"/> Angle
Sand Quantity	<input type="checkbox"/> None	<input type="checkbox"/> Light	
	<input type="checkbox"/> Medium	<input type="checkbox"/> Heavy	
H ₂ S			
CO ₂			

END CONNECTIONS		<input checked="" type="checkbox"/>	Size	Type/Class	Sched.		<input checked="" type="checkbox"/>	Size	Type/Class	Sched.
Pipe Thread	Inlet	<input type="checkbox"/>		F <input type="checkbox"/> M <input type="checkbox"/>	N/A	Outlet (if different)	<input type="checkbox"/>		F <input type="checkbox"/> M <input type="checkbox"/>	N/A
Flange		<input type="checkbox"/>					<input type="checkbox"/>			

ACTUATION

Actuator	Pneumatic <input type="checkbox"/> Electric <input type="checkbox"/>
Failure Mode	Open <input type="checkbox"/> Closed <input type="checkbox"/> Last <input type="checkbox"/>
Supply Pressure	
NEMA Rating	
Voltage	

General Notes:

- 12 and 24 VDC electric actuators typically have a minimum of 15 seconds Close to Open cycle time.
- Float switches may need to be replaced when switching from pneumatic to electric.
- By default, failure mode for electric actuators is FAIL IN LAST POSITION. Batter backup is required for other options.

The potential for higher temperatures in your application may require different seal materials. In addition to fluid temperature, are there any other heat sources within your system that may transfer heat to the valve? (*i.e. heated separator*)

If the Hydra dump valve will be replacing an existing installation, please provide any information regarding the issues you are experiencing with the current product. This information will aid Hydroplex in providing you with a sound solution.