

DOUBLE FLAP GATE VALVE APPLICATION DATA SHEET



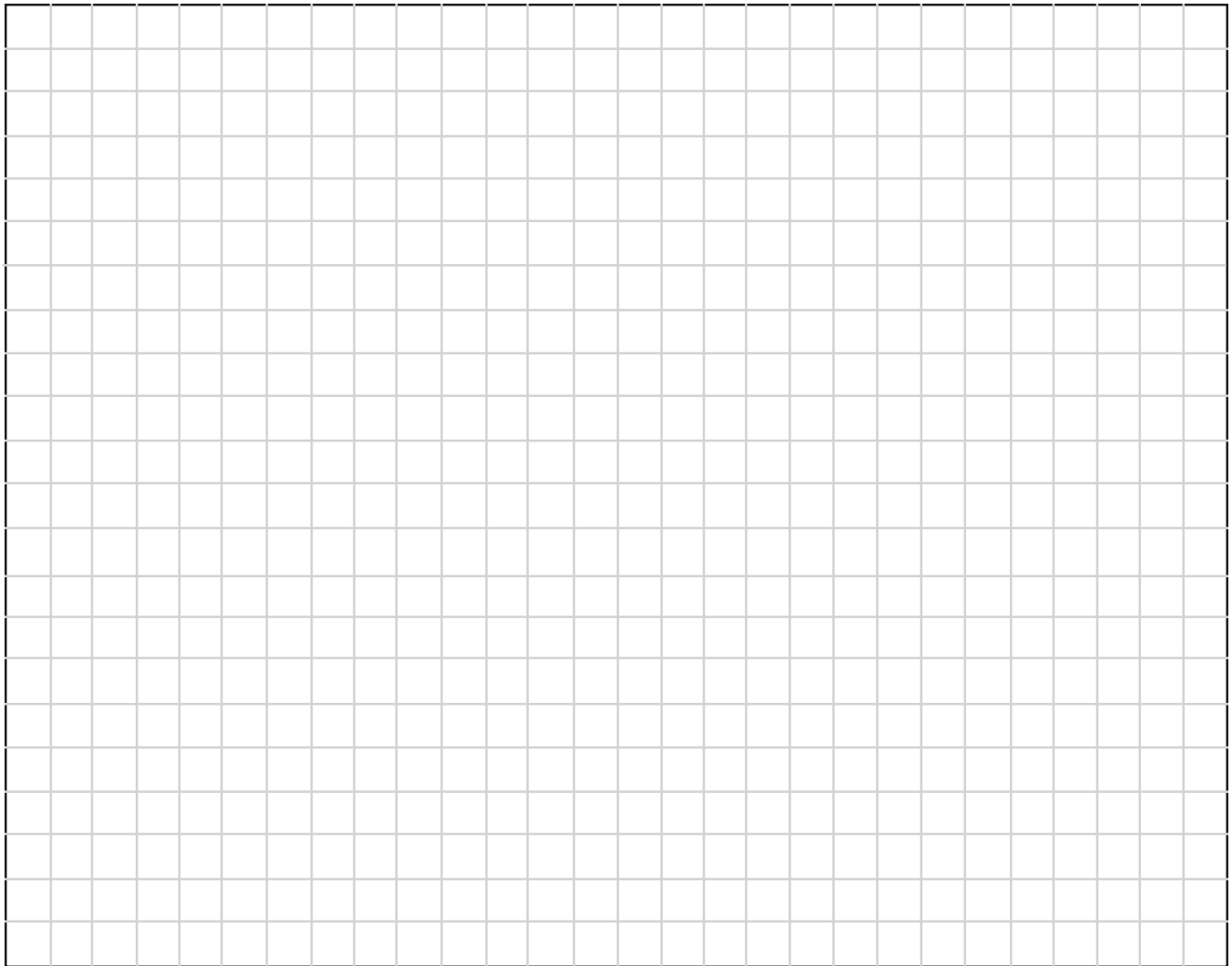
293-J-003

Company _____	Date _____
Contact _____	Salesperson _____
Phone No. _____	Fax No. _____
Job Reference _____	

VALVE DETAILS	MATERIAL CHARACTERISTICS										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">TYPE</th> <th style="width: 50%;">OPERATOR</th> </tr> <tr> <td><input type="checkbox"/> SINGLE</td> <td><input type="checkbox"/> GRAVITY</td> </tr> <tr> <td><input type="checkbox"/> DOUBLE</td> <td><input type="checkbox"/> AIR OPERATED</td> </tr> <tr> <td><input type="checkbox"/> TRIPLE</td> <td><input type="checkbox"/> N4 <input type="checkbox"/> N7/9</td> </tr> <tr> <td></td> <td><input type="checkbox"/> ELECTROMECHANICAL</td> </tr> </table>	TYPE	OPERATOR	<input type="checkbox"/> SINGLE	<input type="checkbox"/> GRAVITY	<input type="checkbox"/> DOUBLE	<input type="checkbox"/> AIR OPERATED	<input type="checkbox"/> TRIPLE	<input type="checkbox"/> N4 <input type="checkbox"/> N7/9		<input type="checkbox"/> ELECTROMECHANICAL	<p>COMMON NAME: _____</p> <p>CHEMICAL FORMULA: _____</p> <p>BULK DENSITY, AERATED: _____ Lbs./Cu.Ft.</p> <p>BULK DENSITY, SETTLED: _____ Lbs./Cu.Ft.</p> <p>MAXIMUM PARTICLE SIZE: _____</p> <p>PARTICLE TYPE/SHAPE IS:</p> <p><input type="checkbox"/> PELLET <input type="checkbox"/> POWDER <input type="checkbox"/> CHIP <input type="checkbox"/> LUMP</p> <p><input type="checkbox"/> GRANULAR <input type="checkbox"/> FLAKE <input type="checkbox"/> CURL <input type="checkbox"/> FIBROUS</p> <p>MESH SIZE-ANGLE OF REPOSE IS: _____°</p> <p>_____%THRU 1/2" ____%THRU 1/4" ____%THRU 1/8"</p> <p>_____%THRU 1/16" ____%THRU 25 ____%THRU 50</p> <p>_____%THRU 100 ____%THRU 200 ____%THRU 400</p> <p>FLOWABILITY: <input type="checkbox"/> EXTREME <input type="checkbox"/> MODERATE <input type="checkbox"/> SLUGGISH</p> <p>MOISTURE CONTENT OF MATERIAL IS: _____%</p> <p>TEMPERATURE OF MATERIAL IS: _____°F</p> <p style="text-align: center;">SPECIAL CHARACTERISTICS:</p> <p><input type="checkbox"/> HYGROSCOPIC <input type="checkbox"/> CORROSIVE-REACTIVE</p> <p><input type="checkbox"/> EXPLOSIVE <input type="checkbox"/> TOXIC-EMITS FUMES</p> <p><input type="checkbox"/> STICKY-SMEARS <input type="checkbox"/> HEAT SENSITIVE</p> <p><input type="checkbox"/> AERATES-DUSTY <input type="checkbox"/> TENDS TO PACK</p> <p><input type="checkbox"/> OTHER: _____</p> <p>ABRASIVENESS: <input type="checkbox"/> EXTREME <input type="checkbox"/> MODERATE <input type="checkbox"/> MILD</p>
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	<input type="checkbox"/> ELECTROMECHANICAL										
<p>CONDITIONS ABOVE DOUBLE FLAP VALVE</p> <p><input type="checkbox"/> BAGHOUSE <input type="checkbox"/> CYCLONE <input type="checkbox"/> SCREW</p> <p><input type="checkbox"/> SHREDDER <input type="checkbox"/> FILTER RECEIVER <input type="checkbox"/> DRYER</p> <p><input type="checkbox"/> OTHER: _____</p> <p>PRESSURE ABOVE:</p> <p><input type="checkbox"/> POSITIVE <input type="checkbox"/> NEGATIVE <input type="checkbox"/> ATMOSPHERIC</p> <p>____ PSI ____"Hg ____"H₂O</p> <p>TEMPERATURE ABOVE: _____°F</p> <p>HUMIDITY IS: <input type="checkbox"/> HIGH <input type="checkbox"/> AVERAGE <input type="checkbox"/> LOW</p>	<p>OPERATING CONDITIONS</p> <p>FLOW PER HOUR:</p> <p>____ Tons ____ Lbs. ____ Cu.Ft.</p> <p>HEIGHT RESTRICTIONS (IF ANY): _____</p>										
<p>CONDITIONS BELOW DOUBLE FLAP VALVE</p> <p><input type="checkbox"/> HOPPER <input type="checkbox"/> SCREW <input type="checkbox"/> AIRSLIDE</p> <p><input type="checkbox"/> BELT <input type="checkbox"/> CHUTE <input type="checkbox"/> MIXER</p> <p><input type="checkbox"/> TANK <input type="checkbox"/> VACUUM LINE <input type="checkbox"/> PRES. LINE</p> <p><input type="checkbox"/> OTHER: _____</p> <p>PRESSURE BELOW:</p> <p><input type="checkbox"/> POSITIVE <input type="checkbox"/> NEGATIVE <input type="checkbox"/> ATMOSPHERIC</p> <p>____ PSI ____"Hg ____"H₂O</p> <p>TEMPERATURE BELOW: _____°F</p> <p>DIAMETER OF CONVEYING LINE IS: _____</p> <p>HUMIDITY IS: <input type="checkbox"/> HIGH <input type="checkbox"/> AVERAGE <input type="checkbox"/> LOW</p>											
<p>COMMENTS: _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>											

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SIZE AND SPEED SELECTION GUIDE

- 1) (_____) Lbs./Hour = (_____) Lbs./Minute
60
- 2) (_____) Lbs./Minute = (_____) CFM
(_____) Lbs./Cu. Ft.
- 3) (_____) CFM = (_____) CPM₁
(_____) CFC
- 4) (_____) CPM₁ = (_____) CPM₂
(_____) *FF

*FILL FACTOR

NOTE: **6 CPM MAX**

RECOMMENDATION: _____

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