

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

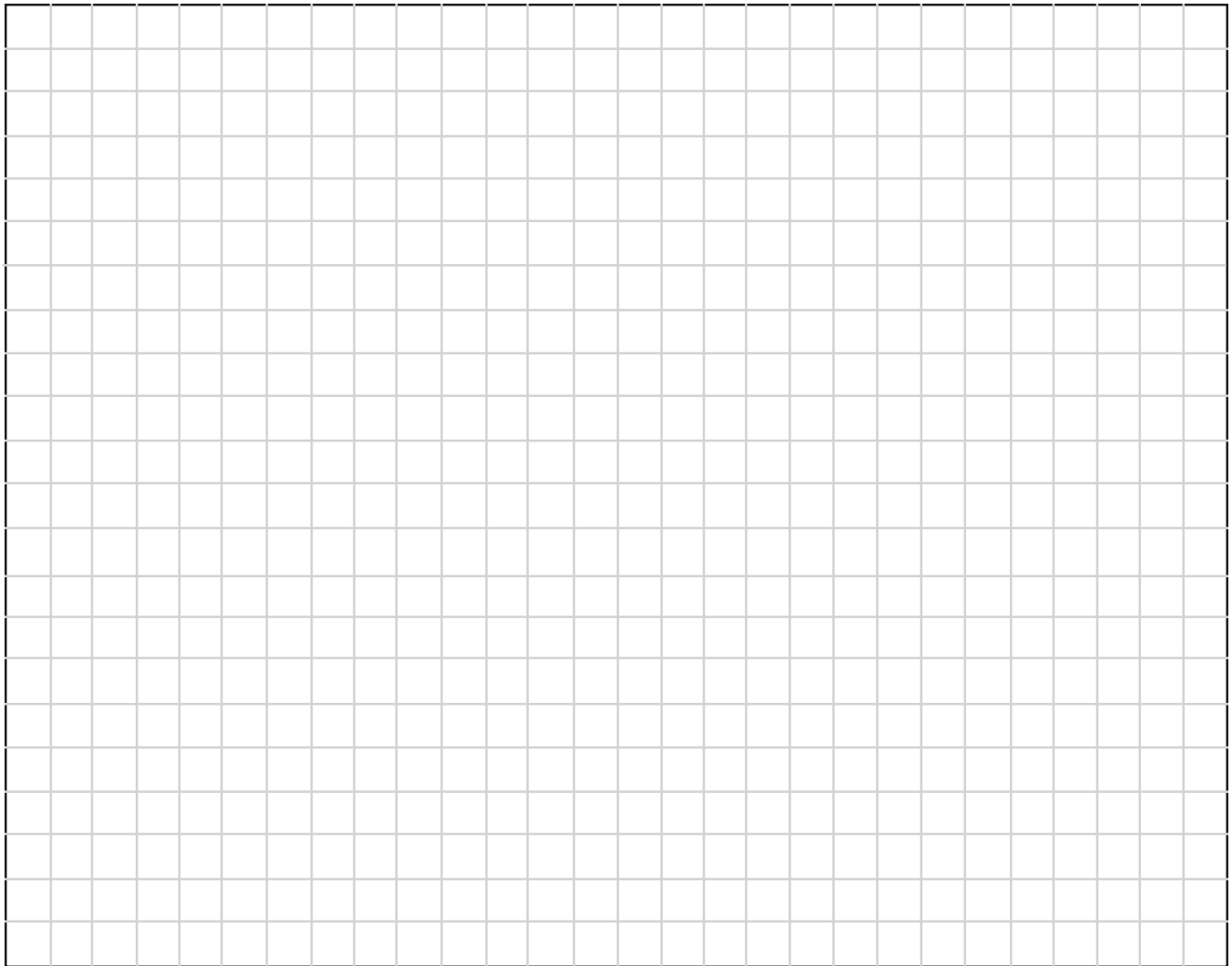
COMMENTS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**SIZE AND SPEED SELECTION GUIDE**

- 1) ( \_\_\_\_\_ ) Lbs./Hour = ( \_\_\_\_\_ ) Lbs./Minute  
60
- 2) ( \_\_\_\_\_ ) Lbs./Minute = ( \_\_\_\_\_ ) CFM  
( \_\_\_\_\_ ) Lbs./Cu. Ft.
- 3) ( \_\_\_\_\_ ) CFM = ( \_\_\_\_\_ ) CPM<sub>1</sub>  
( \_\_\_\_\_ ) CFC
- 4) ( \_\_\_\_\_ ) CPM<sub>1</sub> = ( \_\_\_\_\_ ) CPM<sub>2</sub>  
( \_\_\_\_\_ ) \*FF

\*FILL FACTOR

NOTE: **6 CPM MAX**

RECOMMENDATION: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Wm. W. Meyer & Sons, Inc.**

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