

# DOUBLE FLAPGATE VALVE APPLICATION DATA SHEET



Company _____	Date _____
Contact _____	Salesperson _____
Phone # _____	Fax# _____

293-J-004

Job Reference \_\_\_\_\_

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

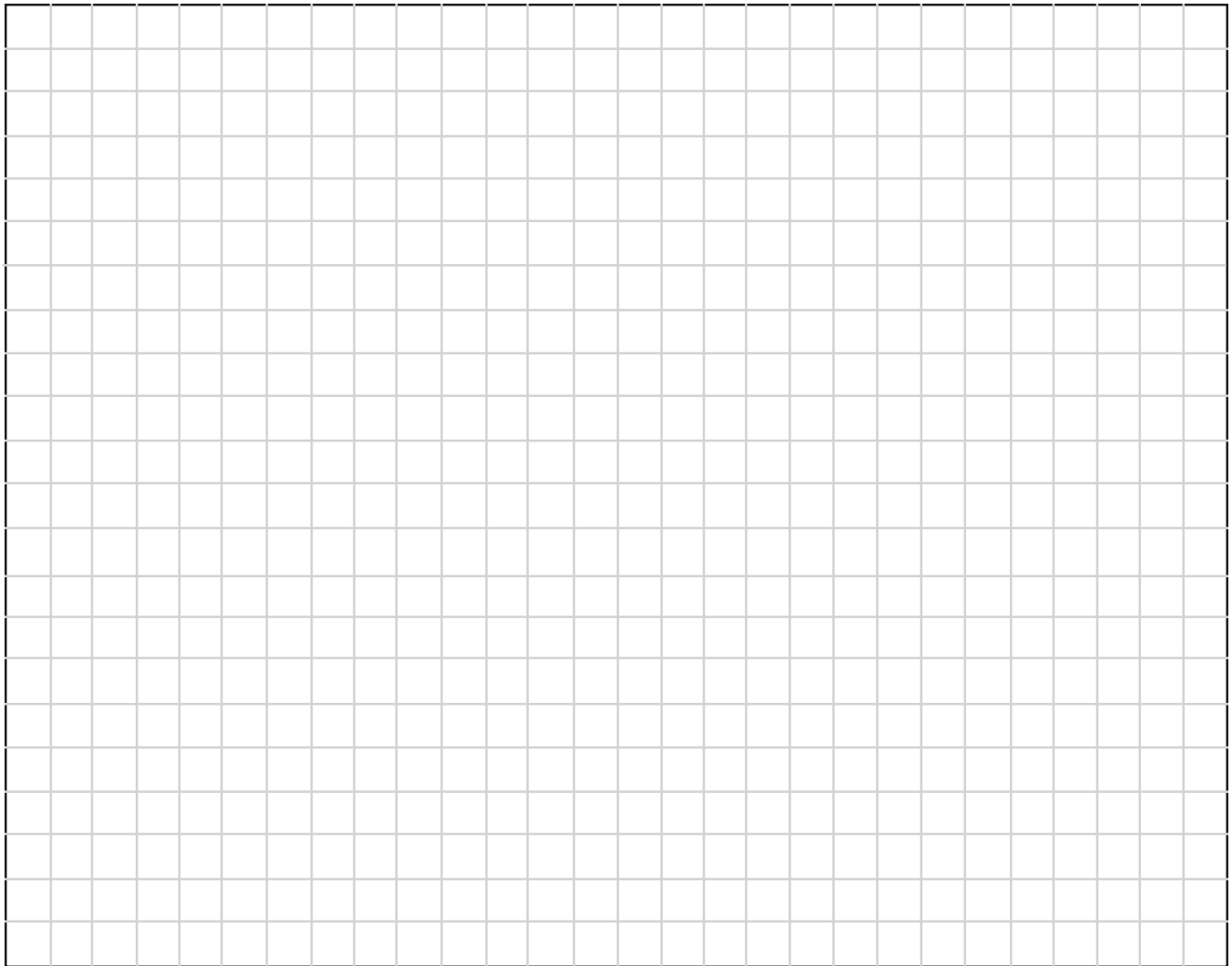
COMMENTS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**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: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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