

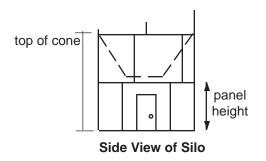
Bolt-On Skirted Silo

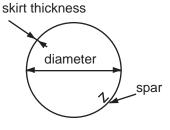
Application Data Form

Date			Sheetof
Site Information			
City		State	Industry
Company Name			Division of
Address			
Contact Information			T:41 -
Contact Name			Title
lel		Fax	
Originator Information			
Form Completed by_			Title
Total Number of Vess Equipment Use Inventory On Vessel and Applicatio Phone Describe the applicatio	ly ☐ Inver n Data Source ☐ Draw	ntory & Con ring(s)	
To be completed by h			
S.O. #REVI	EWED BY		Date
APPR	ROVED BY		Date

		<u> </u>		1				
Display Units								
Operating Display Accuracy Units								
Hazardous Rating Class Div Group								
ardous I Div								
Haza								
Temperature (°F/°C) of Material in Vessel aximum Minimum								
Temperat of Materi Maximum								
Vessel Diameter								
Stress Level: Refer to Stress Calculation								
Tank Capacity (lbs or kgs) Design Working								
Tank Cap (lbs c Design								
Material in Vessel								
QI								
Vessel	Ą	В	S	D	Ш	Ŀ	9	Ξ

Circle the appropriate vessel(s)	Vessels								
Corrosive material	Α	В	С	D	E	F	G	Н	
CIP or washdown		В	С	D	Е	F	G	Н	
Additional supports (spars, beams,		В	С	D	Е	F	G	Н	
skirt or cone) More than one door	Α	В	С	D	Е	F	G	Н	
Protruding through roof or building		В	C	D	F	F	G	Н	
Located indoors		В	C	D	Ē	F	G	Η	
Capable of truck loadout		В	Č	D	E E E	F	Ğ		
Controller Enclosure ☐ Plastic/Fiberglass ☐ Power ☐ 115/230VAC ☐ 100VAC Hazardous Rating at Controller Location(s) ☐ Temperature at Controller Location(s) ☐ Distance from Controller to the Most Distant Si Electronics ☐ Weigh II ☐ MVS-4D ☐ SVS 2000 ☐ MVS-4D with STX Output Relays Required? ☐ No ☐ Current Outputs Required? ☐ No ☐	Class Max lo D M	□ D 	Divis "C Min_ feet/m	eters	_°F/°C	Grou	л р		
Current Outputs Required?	Yes. How	many?	omnatih	<u></u> Г	_ 7 a d di	о г	J Modb∪	10	
Serial Options ☐ RS422 ☐ RS485 ☐ Other				ie L	J A-D KI		ı Modbu	15	
						Т	op View	of Silo	
						skirt			
Stress Level Calculation (copy this page for add	itional ve	ssels)			thic	kness	∕ diame	ter \	
Example = 200,000 lbs (live load in lbs)	= 17	69 psi				(• GIATTIC	-	
144 inches x 3.14 x .25 thic						\			
(vessel diameter in inches x 3.14 x skirt thic	kness in i	nches)							
Your Calculation =	ad in lbs or kg) = psi or kg/mm ² 3.14 x						n²		
vessel diameter (in. or mm)	skirt th	nickness (i	n. or mm)						
System Accuracy (for approved applications with Carbon steel silo: ±3% of full span live load with stress Aluminum silo: ±5% of full span live load with stress Example: For an approved carbon steel silo with 200,000 lbs full span 200,000 lbs x ±3% = 200,000 x ±0.03 = ±6,000 lb. This maximum error applies both to the calculated gross with the net reading will be 50,000 lbs ± 6,000 lbs = 44,000 to 100.000 lbs = 44,000 lbs = 44,000 to 100.000 lbs = 44,000 lbs = 44,000 to 100.000 lbs	ess levels levels from an live load os = maxim weight and	from 150 m 1500 l, system num error	00 to 850 to 4500 p	00 psi (1. osi (1.0 t	.0 to 6.0 o 3.2 kg	kg/mm²).		00 lbs,	
Additional Information									





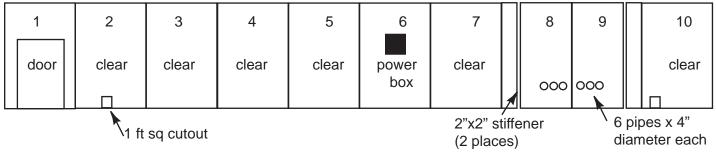
Top View of Silo

Is the second tier clear for installation? Sketch below.

Example of Skirted Silo Panel Details

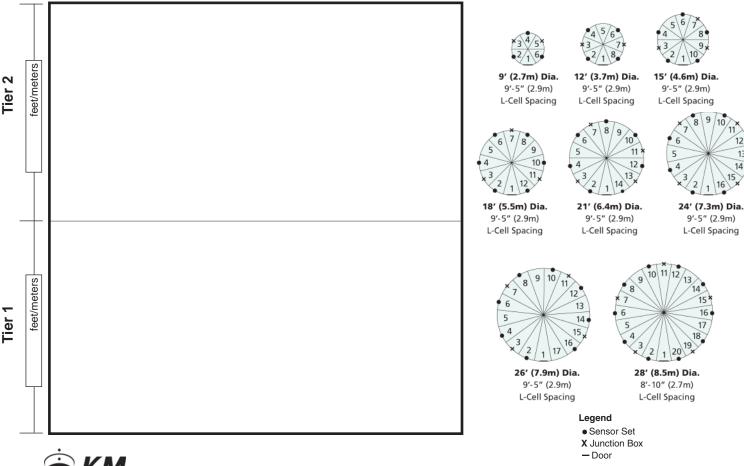
Note: Counting clockwise from panel 1, door panel.

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Sketch Your Skirted Silo Configuration Below

Attach vessel/site drawings, photos, notes, etc. for further clarification.



⊗ KM

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KM #97-5005H

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