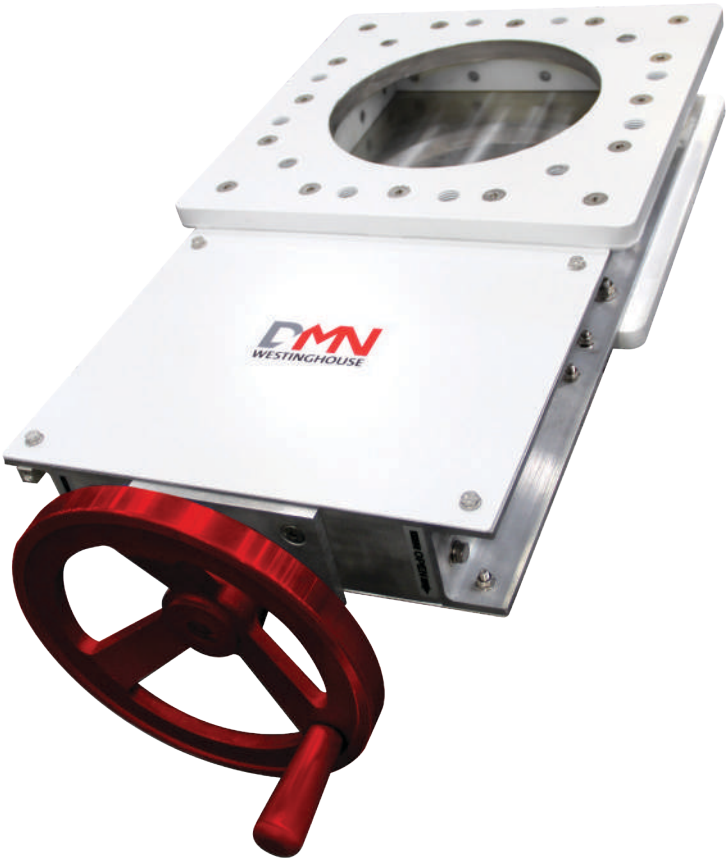
Maintenance Gate

Isolate bins, hoppers, silos and other equipment when downstream equipment must be maintained, or if an upset condition occurs.

Different models: (from 150 to 350mm)

DIN PN10	**DWSG-MA-XXX-RI-X-M-EX**
ANSI 125150	**DWSG-MA-XXX-RM-X-M-EX**
SQUARE	**DWSG-MA-XXX-SQ-X-M-EX**



Specifications

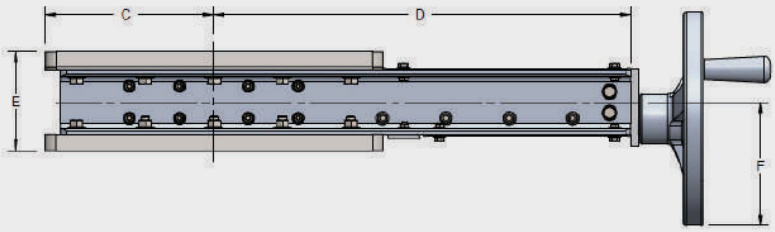
- Flange patterns are customizable to match up with equipment above and below the gate
- Narrow profile for limited space installations
- No metal-on-metal contact
- Designed to close through a standing column of material in the case of an upset condition
- Positive seal to atmosphere
- Light-weight construction for easy installation
- Well-suited for handling corrosive materials
- Constructed from durable metals & polymers, for improved performance and prolonged service life

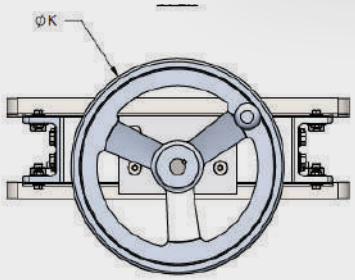
Product information

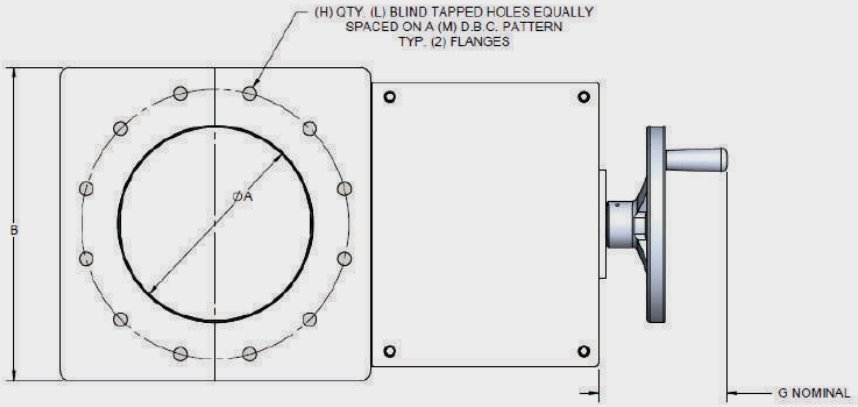
The DMN Maintenance Gate is designed to prevent powder and fine dust migration to atmosphere, for the purpose of minimising health and safety hazards in the workplace. If process equipment below the gate fails or requires maintenance, the DMN Maintenance Gate allows operators to easily close through a standing or flowing column of dry bulk material. This is achieved by the manual drive mechanism, uniquely designed with a 5:1 torque ratio.

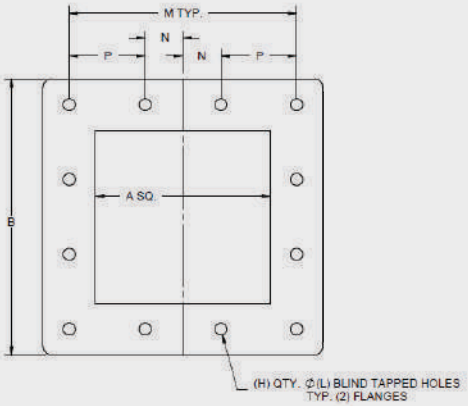
The DMN Maintenance Gate incorporates dust-tight seals positioned outside of the material flow stream to prevent wear over time. The DIN, ANSI, or Square flange connections are made to easily remove process equipment below the gate, whilst safely isolating dry bulk material in the storage vessel above it. All DMN Maintenance Gates are ATEX Certified for dust Zones 21 external and 20 internal.

Maintenance Gate









ALL MODELS

	A		B		C		D		E		F		G		H	K	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	-	IN	MM
150	5 7/8	149	11	279	5 1/2	140	13 3/4	349	4 5/8	117	5 3/4	147	6 5/8	169	8	10	254	
175	6 7/8	175	12 1/2	318	6 1/4	159	15 3/8	391	4 5/8	117	5 3/4	147	6 5/8	169	8	10	254	ONLY RM MODEL
200	7 7/8	200	13 1/2	343	6 3/4	171	16 3/4	425	4 5/8	117	5 3/4	147	6 5/8	169	8	10	254	
250	9 7/8	251	16	406	8	203	8	502	4 5/8	117	5 3/4	147	6 5/8	169	12	10	254	
300	11 7/8	302	19	483	9 1/2	241	9 1/2	578	4 5/8	117	6 3/4	172	7 1/4	183	12	12	305	
350	13 7/8	352	21	533	10 1/2	267	10 1/2	654	4 5/8	117	6 3/4	172	7 1/4	183	16	12	305	
400	15 7/8	403	23 1/2	597	11 3/4	298	11 3/4	730	5 5/8	143	6 7/8	173	7 1/4	183	16	12	305	

RI MODEL

	L		M		WEIGHT	
	IN	MM	IN	MM	LB.	KG
150	3/4 - 10	-	9 1/2	241	80	36
175	-	-	-	-	-	-
200	3/4 - 10	-	11 3/4	298	90	41
250	7/8 - 9	-	14 1/4	362	130	59
300	7/8 - 9	-	17	432	170	77
350	1 - 8	-	18 3/4	476	205	93
400	1 - 8	-	21 1/4	540	250	114

RM MODEL

	L		M		WEIGHT	
	IN	MM	IN	MM	LB.	KG
150	-	M20 x 2.5	9 1/2	240	80	36
175	-	M20 x 2.5	10 5/8	270	85	39
200	-	M20 x 2.5	11 5/8	295	90	41
250	-	M20 x 2.5	13 3/4	350	130	59
300	-	M20 x 2.5	15 3/4	400	170	77
350	-	M20 x 2.5	18 1/8	460	205	93
400	-	M20 x 3.0	20 1/4	515	250	114

SQ MODEL

	L		M		N		P		WEIGHT	
	IN	MM	IN	MM	IN	MM	IN	MM	LB.	KG
150	-	M20 x 2.5	8 3/4	222	1 3/4	46	-	-	80	36
175	-	-	-	-	-	-	-	-	-	-
200	-	M20 x 2.5	10 3/4	273	2 1/4	56	-	-	90	41
250	-	M20 x 2.5	12 3/4	324	2 1/8	54	4 1/4	108	130	59
300	-	M20 x 2.5	15 1/8	384	2 1/2	64	5	128	170	77
350	-	M20 x 2.5	18 1/8	460	2	52	4 1/8	104	205	93
400	-	M20 x 3.0	20 1/4	515	2 1/4	58	4 1/2	115	250	114

Technical modifi cations are possible, dimensions in mm | Technische wijzigingen voorbehouden, maten in mm | Technische Änderungen vorbehalten, Maße in mm | Changements d'exécutions techniques possible, dimensions en mm | Son posibles variaciones técnicas, dimensiones en mm | Sono possibili variazioni tecniche, dimensioni in mm | Możliwe sż modyfi kacje techniczne, wymiary w mm