

MAINTENANCE GATES

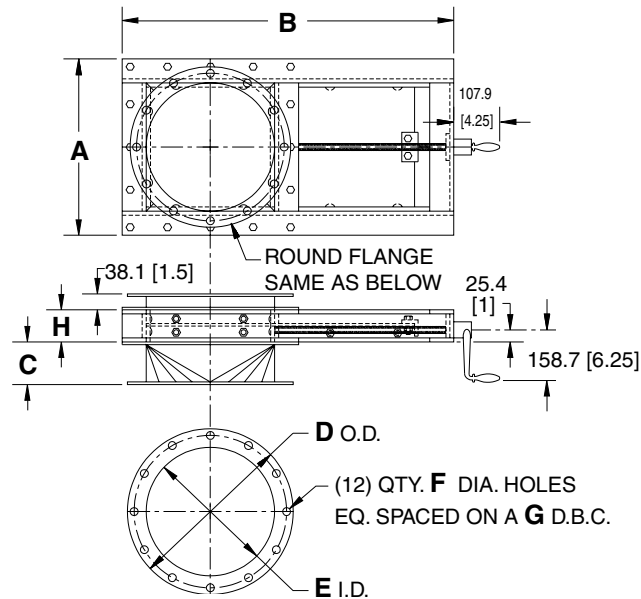
N/A in Metric.

APPLICATION

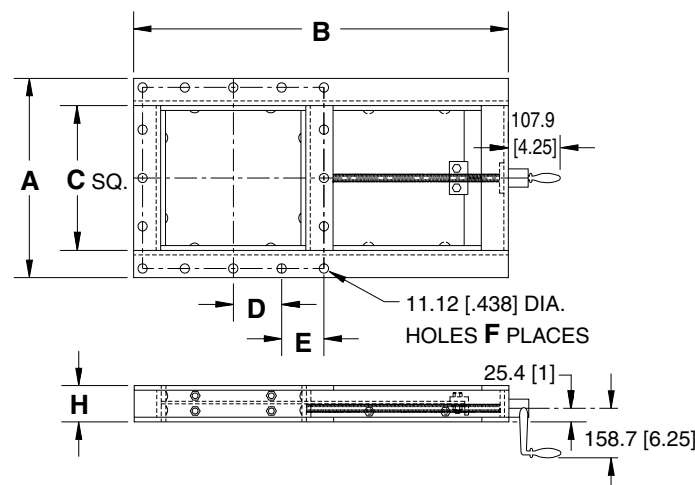
Maintenance gates are used to control gravity flow discharge from storage bins or surge hoppers. The maintenance gate provides a positive material and air seal up to 1.03 Bar [15 PSIG] and is supplied with a hand-crank actuator. Square and round inlet sizes are available. Standard gate construction will handle applications up to 121° C [250° F].

MATERIALS OF CONSTRUCTION

The maintenance gate is constructed of an aluminum channel frame with a clear polycarbonate cover. It consists of a polymer liner, stainless steel metal and material contact points. The packing seal consists of braided teflon with spring tension adjustments. Supports up to 91 kg [200 lbs].



FLANGE DETAIL (Typical Top & Bottom)



ROUND MAINTENANCE GATES

*Part No.	A mm [in]	B mm [in]	C mm [in]	D mm [in]	E mm [in]	F mm [in]	G mm [in]	H mm [in]
2315-691	266.7 [10.5]	482.6 [19]	101.6 [4]	215.9 [8.5]	152.4 [6]	11.12 [.438]	190.5 [7.5]	76.2 [3]
2315-692	317.5 [12.5]	584.2 [23]	101.6 [4]	266.7 [10.5]	203.2 [8]	11.12 [.438]	241.3 [9.5]	76.2 [3]
2315-693	368.3 [14.5]	685.8 [27]	101.6 [4]	330.2 [13]	254 [10]	11.12 [.438]	304.8 [12]	76.2 [3]
2315-694	419.1 [16.5]	787.4 [31]	101.6 [4]	393.7 [15.5]	304.8 [12]	14.30 [.563]	361.9 [14.25]	76.2 [3]
2315-695	469.9 [18.5]	889 [35]	152.4 [6]	444.5 [17.5]	355.6 [14]	14.30 [.563]	412.7 [16.25]	76.2 [3]
2315-696	520.7 [20.5]	990.6 [39]	152.4 [6]	508 [20]	406.4 [16]	14.30 [.563]	469.9 [18.5]	101.6 [4]

NOTE: Flanges match Coperion K-Tron standard Aerolock pattern.

*N/A in Metric.

SQUARE MAINTENANCE GATES

*Part No.	A mm [in]	B mm [in]	C mm [in]	D mm [in]	E mm [in]	F	H mm [in]
2315-697	266.7 [10.5]	482.6 [19]	152.4 [6]	114.3 [4.5]	[N/A]	8	76.2 [3]
2315-698	317.5 [12.5]	584.2 [23]	203.2 [8]	139.7 [5.5]	[N/A]	8	76.2 [3]
2315-699	368.3 [14.5]	685.8 [27]	254 [10]	82.55 [3.25]	82.55 [3.25]	16	76.2 [3]
2315-700	419.1 [16.5]	787.4 [31]	304.8 [12]	101.6 [4]	88.9 [3.5]	16	76.2 [3]
2315-701	469.9 [18.5]	889 [35]	355.6 [14]	107.9 [4.25]	107.9 [4.25]	16	76.2 [3]
2315-702	520.7 [20.5]	990.6 [39]	406.4 [16]	120.6 [4.75]	120.6 [4.75]	16	101.6 [4]

*N/A in Metric.