

M50 trafikbom

Produktblad

Rev. 00 2605

BSP

SECURE GATES

Lösningar för kunder med krav



Black Security Products är en av världens ledande tillverkare av heltäckande fysiska säkerhetslösningar för områdesskydd.

Som branschledande är de stolta över att kunna erbjuda ett brett utbud av högkvalitativa säkerhetsprodukter. Deras omfattande utbud av lösningar omfattar allt från högsäkerhetsstaket och grindar till påkörningskydd och fordonshinder.

Med över 25 års branschfarenhet är Black Security Products en global ledare när det gäller att leverera förstklassiga säkerhetslösningar.

Bommen finns i manuellt och automatiskt utförande och är klassad i 2 olika breder enligt data nedan.

Bilden ovan visar test av ett manuellt utförande.

DATA

Parametrar	M50 P1	M50 P2
Säkerhetsklassning	M50 P1 klastad enligt ASTM F2656-07	M50 2 klassad enligt ASTM F2656-20
Fri öppning	ca 6 m	ca 7,3 m
Balkens höjd över mark	ca 1 m	
Öppnings-/stängningstid	7 - 15 s	
Strömalternativ	120 V/240 V 1-fas	
Arbetscykel	Kontinuerlig	
Ytbehandlingsalternativ	Pulverlackerad eller galvaniserad	
Temperaturområde	-5°C till +50°C (utan extra värmare)	

Tillbehör

Batteribackup	24 V DC
Extra värme	120 V växelström, 20 A separat krets
Styrenhet	Master, fjärrstyrd, EFO



CERTIFIERING & EFTERLEVNAD (Kopior, ej översatta)



Black Security Products, LLC
 303 Airport Way Suite 1
 Kalispell, MT 59901
 Attention: Mr. Stephen Neusch

Date: 08/29/2023

Mr. Stephen Neusch,

Based upon the test performed on August 23rd, 2023, at Applus IDIADA KARCO Engineering, the as-tested configuration of the Black Security Products 20' Drop Arm received an impact rating of P1 at the M50 Test Level of the ASTM F2656-07 standard test method. This test evaluated the 20' Drop Arm for an impact at its center.

The Drop Arm was evaluated using a standard test truck (M) weighing 15,295.67 lb. traveling at a velocity of 51.96 mph. The P1 penetration rating is given when the dynamic penetration of the vehicle reference point beyond the barrier reference point is between 0.00 ft. and 3.31 ft. For the standard test truck (M), the vehicle reference point is the leading lower vertical edge of the cargo bed. The barrier reference point for the 20' Drop Arm is the protected side of the beam. The maximum dynamic penetration recorded was 2.97 ft. on the driver side of the vehicle. The maximum static penetration recorded was 1.20 ft. on the driver side. The vehicle was disabled, and the pathway remained blocked after the impact.

Complete information relating to the test can be found in report number TR-P43185-01 and Deliverable No. 2023-6909 from Applus IDIADA KARCO Engineering, LLC., including test conditions, test vehicle information, test article specifications, and manufacturer drawings. This letter should not be considered complete documentation of the test without consideration of the test report and deliverable CD.

Sincerely yours,

Brandon J. Ubina
 Project Engineer
 Applus IDIADA KARCO Engineering, LLC.
Fax: (760) 246-8112 9270 Holly Road, Adelanto, CA 92301

Tel: (760) 246-1672
 Fax: (760) 246-8112

Applus IDIADA KARCO Engineering, LLC.
 9270 Holly Road, Adelanto, CA 92301



Black Security Products, LLC
 303 Airport Way Suite 1
 Kalispell, MT 59901
 Attention: Mr. Stephen Neusch

Date: 07/12/2023

Mr. Stephen Neusch,

Based upon the test performed on July 7th, 2023, at Applus IDIADA KARCO Engineering, the as-tested configuration of the Black Security Products 24' Drop Arm received an impact rating of P2 at the M50 Test Level of the ASTM F2656-20 standard test method. This test evaluated the 24' Drop Arm for an impact at its center.

The Drop Arm was evaluated using a standard test truck (M) weighing 14,998.05 lb. traveling at a velocity of 50.96 mph. The P2 penetration rating is given when the dynamic penetration of the vehicle reference point beyond the barrier reference point is between 3.31 ft. and 23.00 ft. For the standard test truck (M), the vehicle reference point is the leading lower vertical edge of the cargo bed. The barrier reference point for the 24' Drop Arm is the attack side of the beam. The maximum dynamic penetration recorded was 5.55 ft. on the passenger side of the vehicle. The maximum static penetration recorded was 0.94 ft. on the passenger side. The vehicle was disabled, and the pathway remained blocked after the impact.

Complete information relating to the test can be found in report number TR-P43146-01 and Deliverable No. 2023-6881 from Applus IDIADA KARCO Engineering, LLC., including test conditions, test vehicle information, test article specifications, and manufacturer drawings. This letter should not be considered complete documentation of the test without consideration of the test report and deliverable CD.

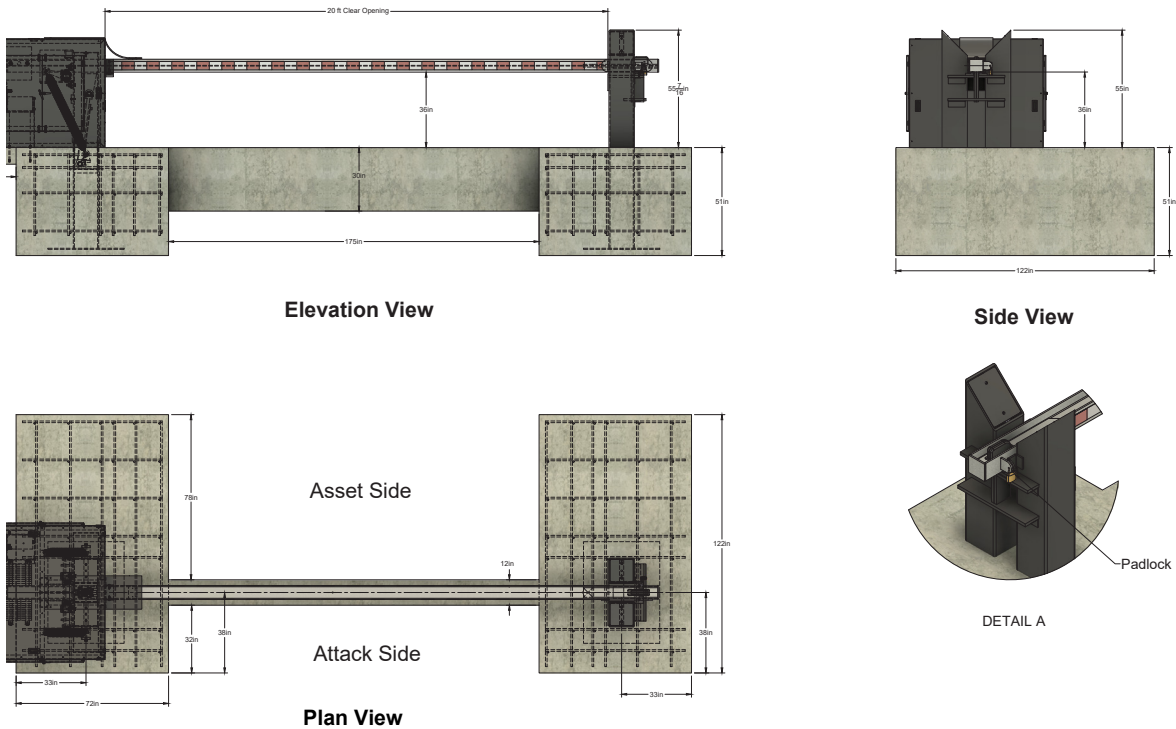
Sincerely yours,

Brandon J. Ubina
 Project Engineer
 Applus IDIADA KARCO Engineering, LLC.

Tel: (760) 246-1672
 Fax: (760) 246-8112

Applus IDIADA KARCO Engineering, LLC.
 9270 Holly Road, Adelanto, CA 92301

MÅTTRITNING (Kopia, ej översatt)



ARBETE SOM SKALL UTFÖRAS AV KUNDEN

- Betongfundament samt ingjutning av ev. ingjutningsgods
- Framdragnig av matarström och anslutning av densamma
- Framdragnig av kablage från externa utrustningar

OBS: Skall utföras enligt separat fundamentritning.

Med en strävan att följa den senaste tekniska utvecklingen förbehåller sig Secure Gates rätten att när som helst ändra informationen ovan. Dokument utan avtalsförhållande.

