Başkent Organize Sanayi Bölgesi
19. Cadde No: 62 Malıköy 06909
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BTK

GENERAL DESCRIPTION

Electromechanical tyre killer with arm barrier is one of the highest security vehicle access control systems in which a vehicle without permission cannot enter. Tyres of the unpermitted vehicle splits open immediately, therefore the vehicle moves only a few more meters and is stopped. The product stops vehicles coming from both directions. Teeth of tire killer move all together. Drive unit is placed to one end of the tyre killer, it stands above the ground level. The arm barrier, which is connected to the drive unit, is another safety feature. It is a mechanism that allows the passage of vehicles by working together with tyre killers.

SYSTEM SPECIFICATIONS

MODEL	BTK
Maximum Arm Length	BTK300 up to 4 meters BTK600 up to 6 meters
Opening Time	BTK300 = ~ 3 seconds / BTK600-SM = ~ 6 seconds
Material	Galvanized Steel
Control Electronics	Microprocessor
Automatic Time Delay	Activated or deactived if required, adjusted as 5 sec and its multiples (35 sec. upper limit)
Protection Rating	IP 55
Electronics Control Cabinet	IP 67
Teeth	High Strength Steel
Power Failure	Manual Operation
Integration	It can be easily connected to all kinds of card readers, biometric readers such as finger and face reading, frequency transmitting systems, etc.
Environmental Conditions and Power Requirements	-15 °C to +65 °C, 95% non-condensing humidity; 220 V +/- 10% , monophase, 50-60 Hz

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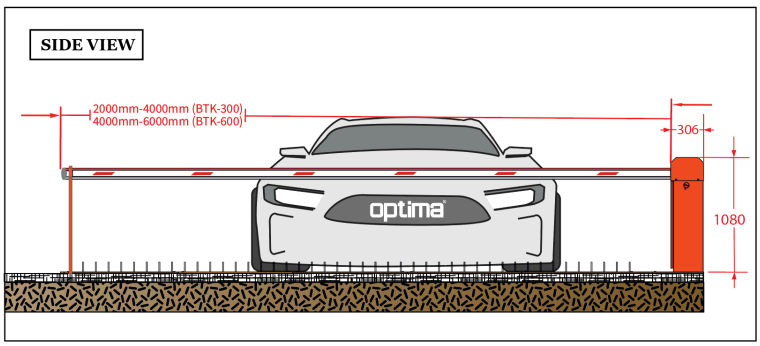
- Arm is aluminum with a special elliptical like cross-section design
- Low power consumption and silent running
- Compatible with all access control systems
- All control electronics manufactured by Optima

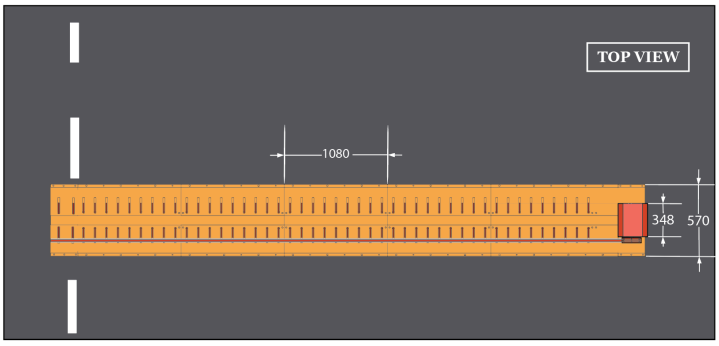
ACCESSORIES

SCADA or any control system: It is possible to change and check the position of barrier with touch screen control panel *	Optima Cloud. To control barrier by mobile devices (ios-android), computer, etc. *
Red/Green led light above the aluminum barrier arm *	Radio receiver/transmitter *
Red/green traffic lights with steel pole *	Radio antenna *
Flashing light (flashes while the arm is in motion) *	Wrong direction alarm *
Safety photocell *	High speed alarm *
Stand and casing for safety photocell *	Protection bar for barrier cabinet *
Pneumatic edge sensor *	Barrier skirt *
Dual vehicle safety loop detector *	Stop sign in the middle of barrier arm *
Push button box (Raise/Lower/Emergency Stop) *	

⚠ *(Accessories marked with (*) are optional.)*

MAIN BODY MEASUREMENTS





ESGO300/600 4/2/22 - www.Optima.tc - the contents of this manual may change, at any time, and without notice. - Original instructions.R01