

单刀双簧屏蔽门

(SKE Shielded Door)

型号 (Type): TBDM

级别 (Level): B—level

特点 (features):

- 更易于同模块式和焊接式屏蔽室组装。
Easy to mount to modular and welded shielded enclosures
- 双点门锁配有重型门闩。
Heavy duty cam latch strikes for two-point latching
- 重型, 而又易于开关的铝制门把手。
Heavy duty, yet easy-open aluminum door handles
- 配有有推力轴承并精密制造而成的铝制铰链易于装配, 操作流畅。
Precision machined aluminum hinges with thrust bearings for sag-free mounting and smooth operation

我公司生产的B级屏蔽门可靠性高, 性能优良, 经久耐用。单插刀屏蔽门包含一个精确的刀口, 一个刀槽, 两个门锁系统。此类屏蔽门拥有可靠的屏蔽效能, 优异的产品性能和易于维护的卓越品质。

The Single Knife Edge (SKE) Door from CNEMC offers superior knife edge door reliability, performance and longevity. The SKE Door features a precision formed knife edge, a proven Recessed Contact Mechanism (RCM), and a two-point latching system to deliver reliable shielding, exceptional performance, and easy maintenance.

应用范围 (Applications)

单插刀屏蔽门广泛应用于模块式, 焊接式等屏蔽设备, 同时也是消声室的理想选择。此类屏蔽门, 内外门扇坚固耐用, 表面光滑。结构坚固, 品质卓越, 经久耐用, 是重工业环境和使用频率较高场所的理想选择。我公司生产的单插刀屏蔽门既可安装在新设备上, 也可装于原有设备。

The SKE Door is suitable for modular, welded, and pan-formed RF shielded enclosures, and is also ideal for anechoic chambers. With its inherent strength, rigidity, and a surface that is flush with the inner chamber wall. Its tough construction makes this door an excellent, long-lasting choice for heavy industrial environments and frequent use applications. The door may be installed in new or existing enclosures.

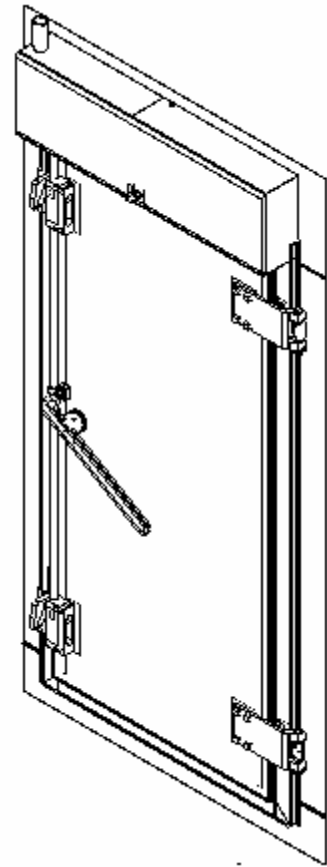
结构 (construction)

我公司生产的单插刀屏蔽门由门扇、门框及其相关电气元件共同组成 (电动/手动)。门扇内、外壁钢板规格为 Q235B 型, 门框装有两道簧片。每个门扇装有两个精密加工的铰链, 每个铰链上均装有可供调配的推力轴承, 使门扇精确地与门框结合, 并缓冲其负荷状态, 以适应不同的负荷环境。

The CNEMC SKE Door consists of a factory assembled leaf and frame which maintain electrical contact

地址: 河北省石家庄高新技术开发区天山大街 38 号-1 电话: 0311-87968379 85969560 传真: 0311-85968960

<http://www.cnemc.net> email: sjztd@yahoo.com.cn



around the perimeter. The door panel is laminated on both sides with type of Q235B steel. The bronze knife edge extrusion is mounted on the door leaf. Standard single personnel doors have two precision-machined aluminum hinges, each fitted with adjustable thrust bearings that enable the door leaf to be accurately adjusted within the frame and to compensate for varying load conditions.

此门的显著特点在于：导轨上的四个高可靠性插销。关闭屏蔽门时，转动门把手（电动屏蔽门则直接推动门扇），使门扇同刀口紧密结合，将RF可靠而紧密的屏蔽于门外。

The cam-driven locking device features a multi-point latch operable from both sides of the door. On manual rotation of the lever handle, the mechanism draws the knife edge of the door into its final closing RF-tight position. Reliable contact is achieved by the precise insertion of the bronze steel knife into the RCM receiving channel.

屏蔽效能 (Performance)

单插刀标准屏蔽门，符合 MIL-STD-285, NSA 65-6/NSA 94-106, MIL-STD-285/IEEE 299, 旧军标 GJBZ202、新军标 GJB5792 和 EN 50147-1 要求。频率 > 1 GHz 范围内，屏蔽效能可达 110 dB；频率 > 1 GHz 范围内，达 100 dB。

The standard SKE Door, when tested in accordance with the procedures of MIL-STD-285, NSA 65-6/NSA 94-106, MIL-STD-285/IEEE 299 or EN 50147-1, will exhibit shielding attenuation levels of 110 dB at frequencies up to 1 GHz and 100dB up to 18 GHz..

操作 (Operation)

每个标准门扇都配有简易操作的门把手。当向上或向下转动门把时，导轨轴承上下滑动，从而门扇与刀口切合以及分离。此装置操作简便，有效，易于使用及维护。

Standard doors are latched and unlatched using a simple bar handles on either side of the door leaf. This action raises and lowers an external double cam roller assembly, engaging or freeing the knife edge. The mechanism is simple, effective, easy to use, and easy to maintain.

外置接口 (Interfaces)

单插刀屏蔽门可配置各种门锁，门闩和安全系统。为预防紧急情况或者火灾警报出现，可配有搭扣门锁和紧急疏散系统。此门可用有坡道的重型设备运送进屏蔽区。

The SKE Door can interface with a variety of locks, latches, and security systems. Locking hasps and panic release systems may be incorporated, as well as contact mechanisms for emergency power cut-off and fire detection closure systems. The door can also be equipped with a ramp for heavy equipment transportation into the shielded area.

可选配置 Options

标准型单插刀屏蔽门配有火灾报警系统，并可根据顾客需求特别定制。可配全自动门锁、指示开关。并可根据不同屏蔽设备的实用性需求，为其特别设计制造。

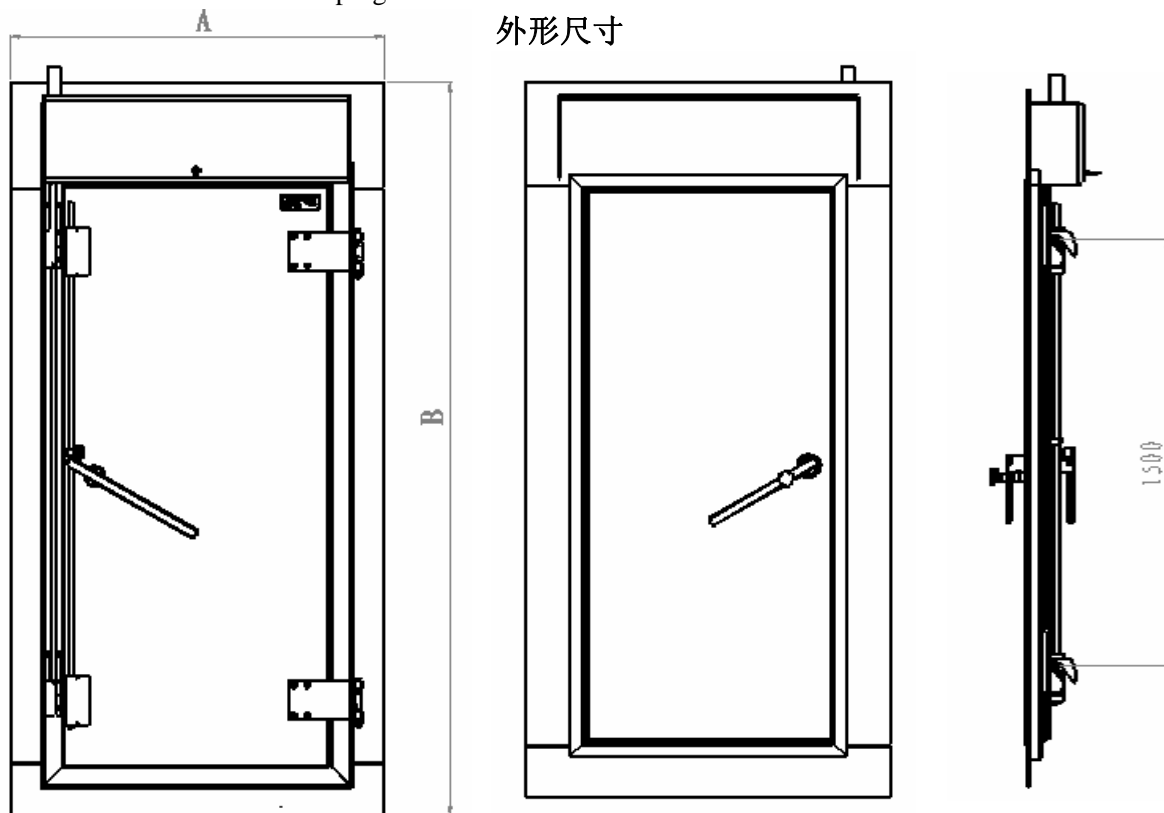
The standard SKE Door has a fire rating and measures which can be custom fabricated sizes. Optional features include a automatic door 、indicator on-off. For ease of use with different equipment, thresholds can be standard step-over styles or low profile flush-type designs suitable for different loads.

保修 (Warranty)

CNEMC 生产的屏蔽门免费保修 1 年。超过免费保修期后，可签订付费保修协议。

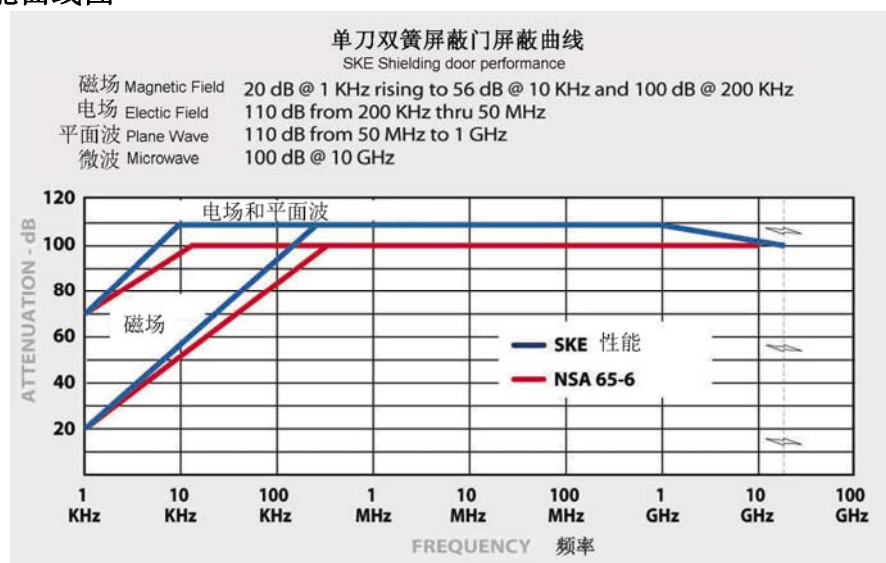
ETS-Lindgren's standard warranty covers both parts and labor for a period of 1 year from the date of the

door installation. Maintenance programs and extended warranties are also available.



类型 (Model)	物料号(NO.)	外型尺寸 (A x B)	安装尺寸 (W x H)
		800 x1800	
		850 x1900	
根据用户需要特别定制			

屏蔽效能曲线图



地址:河北省石家庄高新技术开发区天山大街 38 号-1 电话:0311-87968379 85969560 传真:0311-85968960
<http://www.cnemc.net> email:sjztd@yahoo.com.cn



TBDM-1



TBDM-2