

50 mm VANDALPROOF TRACKBALLS

STAINLESS STEEL

IP65 sealed (static)

This range is highly ruggedized and designed for harsh industrial applications, kiosk consoles, navigation controls, etc... This trackball unit features a robust, vandalproof construction and all metal look: the carrier plate made of brushed stainless steel, a stainless steel ring protecting the trackball sealing and three anti-vandal stainless steel and IP65 sealed switches. The 50mm trackball unit itself can either have:

- a black phenolic resin ball for highest resistance to hostile impacts and to scratches and with a sealing grade of IP65 static. Type K-TBS50F2
- a stainless steel ball for styling (complete stainless steel appearance) with a sealing grade to IP54. Type K-SBS50F2



K-TBS50F2 IP65 black phenolic ball
Option : The K-TBS50F2 can be supplied with a black coated stainless steel topplate. K-TBS50F2-BT1
dim : 100 x 116 x 40 mm
weight : 0,6 kg



K-SBS50F2 Stainless steel ball
dim : 100 x 116 x 40 mm
weight : 1 kg

• SPECIFICATIONS

Carrier plate : brushed stainless steel (AISI 316)
Ball diameter : 50,8 mm.
Ball material : phenolic resin, black (TBS50F2)
: stainless steel AISI 316 (SBS50F2)
Resolution : 155 pulses per ball revolution
Tracking force : nom. 50 grams (TBS50F2)
: nom. 100 grams (SBS50F2)
Lifetime : > 2 million ball revolutions
Shielded cable : straight 1,6 m long
Protection class : see text above
Operating temperature range : -10°C to +60°C
Storage temperature range : -25°C to +80°C

Push button switches
Sealing : IP65
Material : stainless steel, brushed
Mechanical life : 1 mil. cycles min
Contacts : gold plated
Travel : 1,3mm
Operating force : 4N typ
Initial contact resistance : 50mOhms max
Operating temperature : -20°C to +60°C

CE : compliant to EMC Directive 89/336/EEC for Electromagnetic Compatibility. Low Voltage Directive 73/23/EEC not applicable for our trackballs.

• CONNECTIVITY

These combo PS/2 & USB trackball units have a 1,6 meter long shielded straight cable ended by a PS/2 plug. An adaptor to USB type A is added. No special device driver is needed, use standard available drivers of your operating system.

* Due to the increasing differences of the PS/2 mouse port specifications of the various PC manufacturers, we do recommend that this unit should be tested on the final PC configuration and operating system prior to installing it in series.

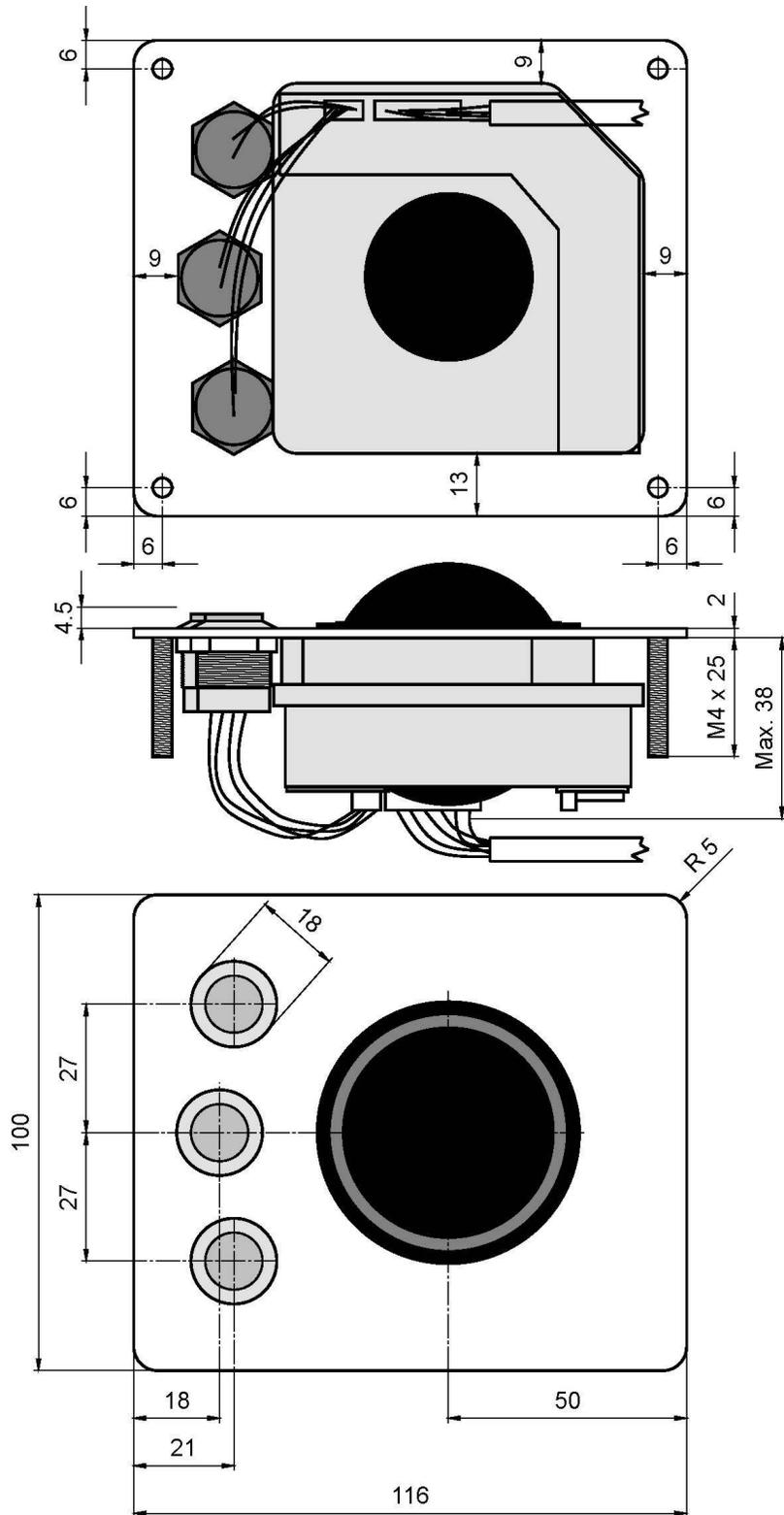
• ORDERING INFO

	Phenolic Resin Ball	Stainless Steel Ball
Standard	K-TBS50 F2	K-SBS50 F2
Black topplate	K-TBS50 F2-BT1	-

Output : PS/2 & USB Combo



• DIMENSIONAL DRAWING



Dim in mm

The company reserves the right to alter without prior knowledge the specification or design of any standard product or service.

Kessler-Ellis Products

10 Industrial Way East, Eatontown, NJ 07724

Phone: (732) 935-1320 • (800) 631-2165

Fax: (732) 935-9344

Visit Us On The World Wide Web

kep.com
<http://www.kep.com>