



Avtron AVSK Shield Kit



Shield kit to add magnetic shielding to AV56A, AV56S, AV67A, AV85A, AV115 encoders

Magnetic Shield Kits for THIN-LINE™ Encoders

Protects from stray magnetic fields

Works for AV56A, AV67A, AV85A and AV115 THIN-LINE III™ Encoders

1 Year No-Hassle Warranty

AVSK

Some applications require protection from magnetic fields from DC direct-acting brakes or other magnetic sources.

THIN-LINE encoders have internal electronic protection against common magnetic fields, but extremely high fields can produce signal errors (indicated by a red LED on the encoder).

Super magnetic shielding option 005 for THIN-LINE encoders includes this shielding bundled with the encoder for maximum protection. But for applications where an encoder is already in-place, the AVSK shield kit can be retrofitted to the existing encoder installation, providing magnetic shield protection to the AV56A, AV67A, AV85A and AV115 models.

06/29/25

OUTLINE DRAWING

MORE AVSK SPECIFICATIONS

Inboard and outboard shields included



Check out our website for more detailed specifications, drawings, and installation instructions. www.avtronencoders.com



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Features and specifications are subject to change without notice. EU-SMART™, SMARTSafe™, SMARTTach™, THIN-LINE™, WIDE-GAP™, SAFETach™, and BULLSEYE32™ are trademarks of Nidec Industrial Solution. All other trademarks and registered trademarks are the property of their respective owners. Nidec Industrial Solutions' standard warranty applies. All dimensions approximate.

SELECTION GUIDE

☐	☐	☐	☐
MODEL	MODEL	ROTOR/SHAFT STYLE	COVER STYLE
AVSK	56A - Fits AV56A encoders (single & dual output) 67A - Fits AV67A encoders 85A - Fits AV85A encoders (single & dual output) 115 - Fits AV115 encoders (single & dual output)	CA - 1/2" (CA/TA) shaft size CB - 5/8" (CB/TB) shaft size CC - 7/8" (CC/TC) shaft size CD - 15/16" (CD/TD) shaft size CE - 1" (CE/TE) shaft size CF - 1 1/8" (CF/TF) shaft size CG - 1 1/4" (CG/TG) shaft size CH - 1 3/8" (CH/TH) shaft size CT - 1 1/2" (CT/TT) shaft size CJ - 1 5/8" (CJ/TJ) shaft size CK - 1 3/4" (CK/TK) shaft size CL - 1 7/8" (CL/TL) shaft size CM - 2" (CM/TM) shaft size CN - 2 1/8" (CN/TN) shaft size CQ - 2 1/4" (CQ/TQ) shaft size CP - 2 3/8" (CP/TP) shaft size CR - 2 1/2" (CR/TR) shaft size TS - 2 5/8" (TS) shaft size TU - 2 7/8" (TU) shaft size TV - 3" (TV) shaft size T4 - 3 1/8" (T4) shaft size T7 - 3 3/16" (T7) shaft size D2 - 10mm (D2/M2) shaft size DA - 11mm (DA/MA) shaft size D3 - 12mm (D3/M3) shaft size DB - 14mm (DB/MB) shaft size DC - 15mm (DC/MC) shaft size DD - 16mm (DD/MD) shaft size D4 - 18mm (D4/M4) shaft size DE - 19mm (DE/ME) shaft size DF - 24mm (DF/MF) shaft size DG - 28mm (DG/MG) shaft size DH - 30mm (DH/MH) shaft size DT - 32mm (DT/MT) shaft size DJ - 36mm (DJ/MJ) shaft size DK - 38mm (DK/MK) shaft size DL - 42mm (DL/ML) shaft size DM - 45mm (DM/MM) shaft size DN - 48mm (DN/MN) shaft size DP - 52mm (DP/MP) shaft size DR - 55mm (DR/MR) shaft size MS - 60mm (MS) shaft size MU - 65mm (MU) shaft size MV - 70mm (MV) shaft size MW - 75mm (MW) shaft size MY - 80mm (MY) shaft size MZ - 85mm (MZ) shaft size	E - Extended (pie-pan) cover style F - Flat cover style T - Thru-shaft (w/seal) cover style X - No existing cover