

MODEL KM 47 TYPE B(U) PACKAGING

USE

Model KM 47 Type B(U) packaging is designed for the transport radioactive substances of special form or other than special form. The permitted maximum radioactive content of the package is as follows:

Radionuclide	Maximum activity [TBq]	Radionuclide	Maximum activity [TBq]
⁶⁰ Co	0.0255	¹⁰⁶ Ru	1.38
¹³⁷ Cs	21.5	⁹⁰ Y	0.49
⁹⁰ Sr	48	¹⁴⁴ Ce	0.92
²²⁶ Ra	0.0235	²⁴¹ Am	no limitation
⁹⁹ Mo	14.7	¹²⁵ I	no limitation
¹⁹² Ir	28.5	²² Na	0.049
⁷⁵ Se	85	¹²⁴ Sb	0,021
¹³¹ I	82		

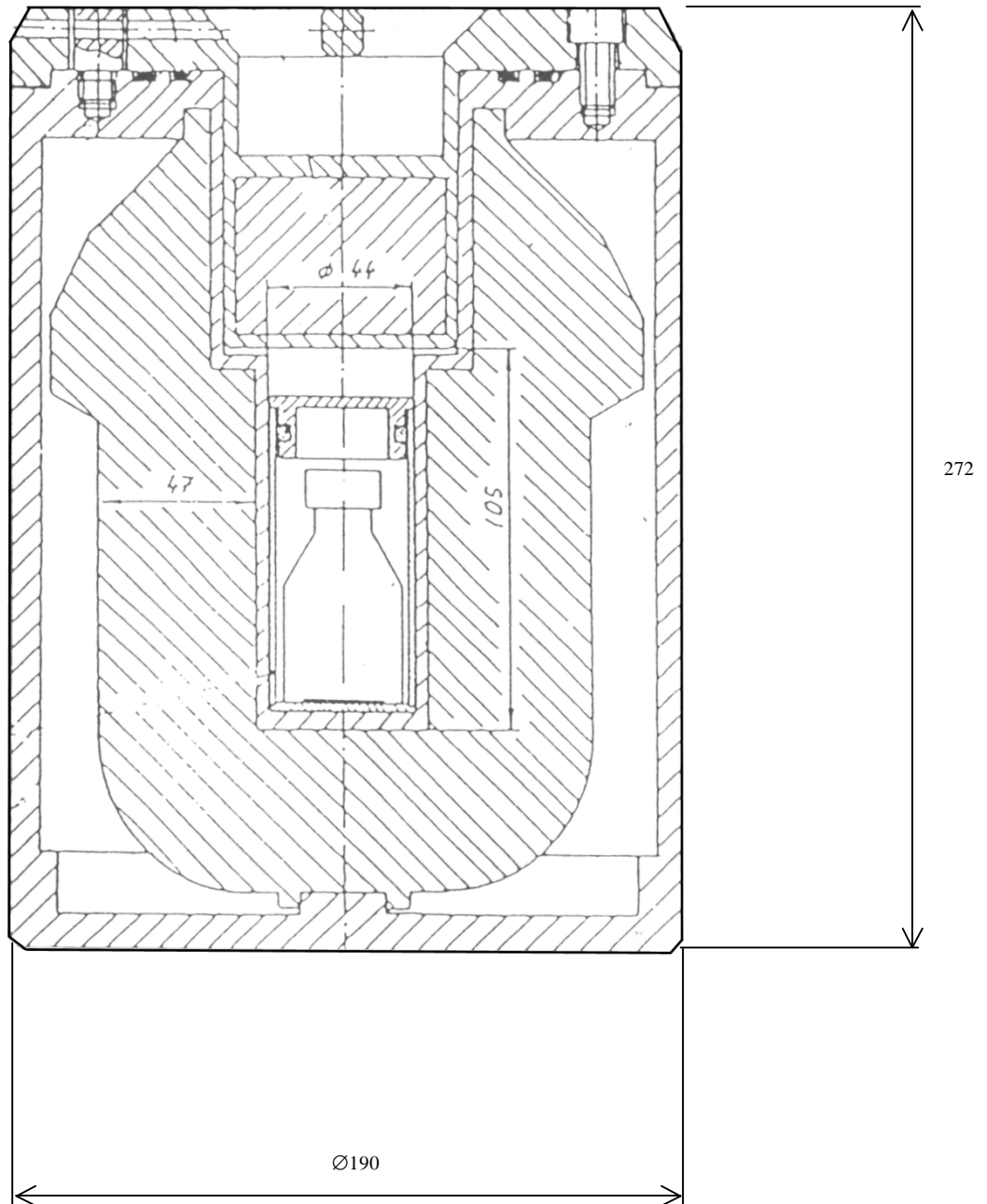
Furthermore, radioactive substances not included in the table can be transported in the packaging up to the A1, A2 value as defined in Table 1, Annex 3 to Regulation No. 317/2002 or Table I, Section IV, Safety Standards No TS-R-1 (ST 1, rev.), Regulations for Safe Transport of Radioactive Material, 1996 Edition, IAEA. As a general requirement, the dose equivalent rate on the external surface of the package must never exceed 2 mSv/hr.

TECHNICAL DATA

Packaging design:	Type B(U), for special form radioactive substances as well as radioactive substances other than special form
Number of channels:	1
Channel size:	105 mm long, 44 mm diameter
Uranium shielding thickness:	approx. 47mm
Steel shielding thickness:	approx. 18mm
Outer size of the packaging:	510 mm height, 336 mm in diameter
Weight of the packaging:	136 kg

KM 47 shielding container

Weight: 84 kg



KM 47 packaging
Weight: 136 kg

