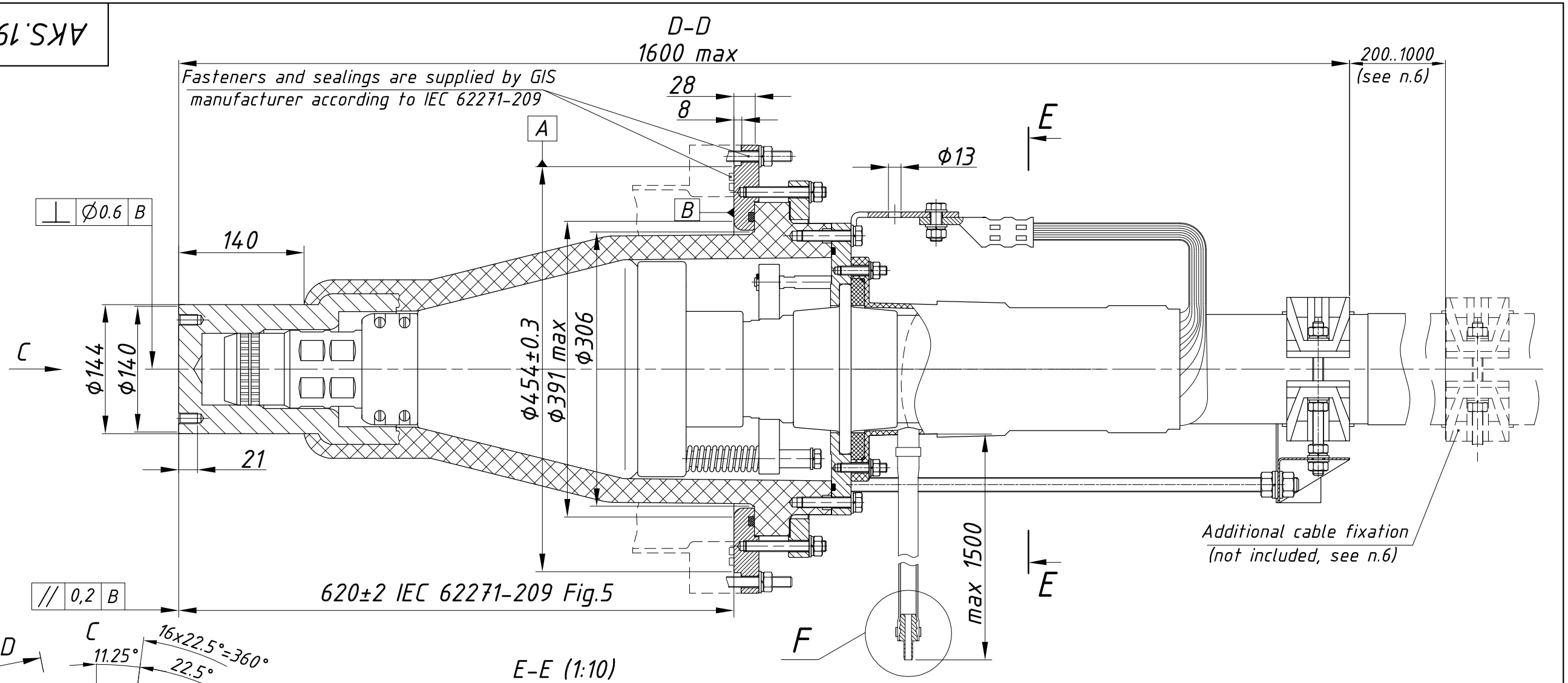
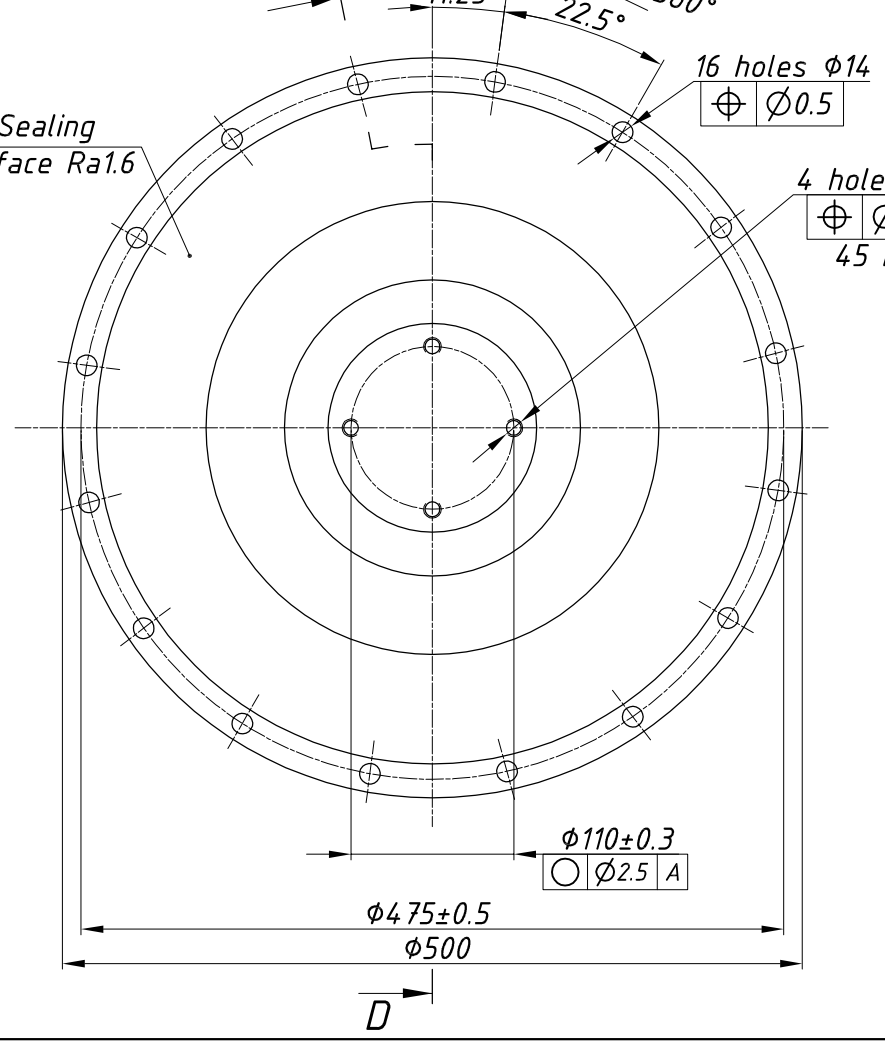
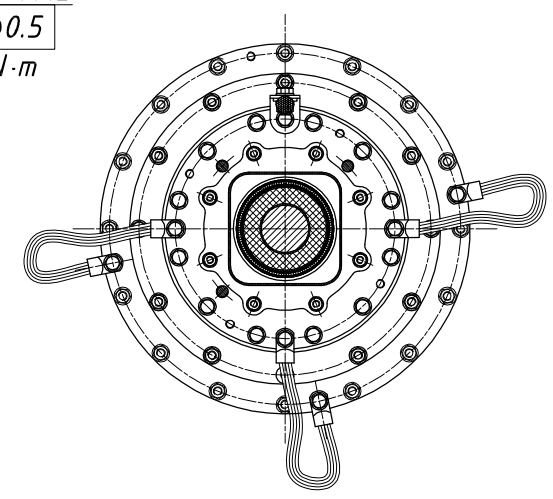
AKS.194.100.000 SV



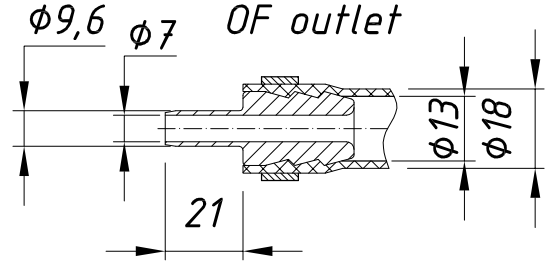


E-E (1:10)

HF earthing links routing (see n.7)
OF outlet is conditionally not shown



F (2:1)
OF outlet



1. Dimensions according to IEC 62271-209 Fig.5 (L5=620 mm).
2. Conductor cross section range, mm sq.:
   Cu: 400*-2500; Al: 400*-500 (crimping), 400*-1000 (screwing), 1200-2500 (welding).
   *Exact value depends on XLPE insulation thickness.
3. Prepared insulation diameter range: 64-112 mm.
4. Maximal cable overall diameter - 120 mm.
5. In case if screen cross section exceeds 185 mm sq. screen wires have to be divided into 2 same bundles. Each bunde has to be routed symmetrically to the earthing angle.
6. Cable has to be additionally fixed on metal framework at least once leaving 200..1000 from existing cable clamp toward uncut cable. Fixation shall be performed coaxially with GIS interface leaving at least 100 mm air gap between cable holder and grounded metal frameworks. Kit for additional fixation is not included to the scope of supply.
7. If possible HF earthings have to be connected to GIS flange directly. Otherwise connect to M12 holes at ϕ475 as shown on section E-E. HF earthing links with fasteners (M12) are included to the scope of supply.
8. Maximum system voltage Um = 252 kV.

Chan	Sheet	Document #	Signature	Date
Develop		Khoroshilov A.		14.05.20
Check		Terekhov E.		14.05.20
Approve		Kintyukhin D.		14.05.20

AKS.194.100.000 SV

MBB 245/252 0
GIS sealing end

Letter	Mass	Scale
	80	1:5
Sheet	Sheets 1	

Simple view

Arkasil SK LLC