

SK Condensation Level, SU Level, SR Separation Vessels

SK Condensation Level vessels are designed to maintain consistency and equality of condensation level in connecting lines transmitting pressure drop from membrane to differential pressure transmitters during measurement of steam flow rate.

SU Level vessels are designed to maintain fixed level of liquid in one of two connecting lines during measurement of liquid level in tanks using differential pressure transmitters.

SR Separation vessels are designed to protect internal transmitter hollows from direct effect of corrosive fluids by means of transmission of pressure through separation liquid.

Vessels do not have internal partitions.

Table

Name	Symbolic notation	Maximum pressure, MPa	Modification	Test pressure, MPa
Condensation level vessels	SK-4-1-A SK-4-1-B	4	1	6
	SK-10-1-A SK-10-1-B	10	1	15
	SK-40-A SK-40-B	40	-	56
Level vessels	SU-6,3-2-A SU-6.3-2-B	6.3	2	9.5
	SU-25-2-A SU-25-2-B	25	2	35
	SU6.3-4-A SU6.3-4-B	6.3	4	9.5
	SU-40-A SU-40-B	40	-	56
Separation vessels	SR-6.3-2-A SR-6.3-2-B	6.3	2	9.5
	SR-25-2-A SR-25-2-B	25	2	35
	SR-6.3-4-A SR-6.3-4-B	6.3	4	9.5
	SR-25-4-A SR-25-4-B	25	4	35
	SR-40-A SR-40-B	40	-	56

Symbolic notation of vessel materials:

- carbon steel - A;
- stainless steel - B.

ORDERING INFORMATION

Separation vessel, maximum pressure 40 MPa, carbon steel

Vessel SR - 40 - A TU 25-7439.0018-90

OVERALL AND CONNECTION DIMENSIONS

SU Level Vessels

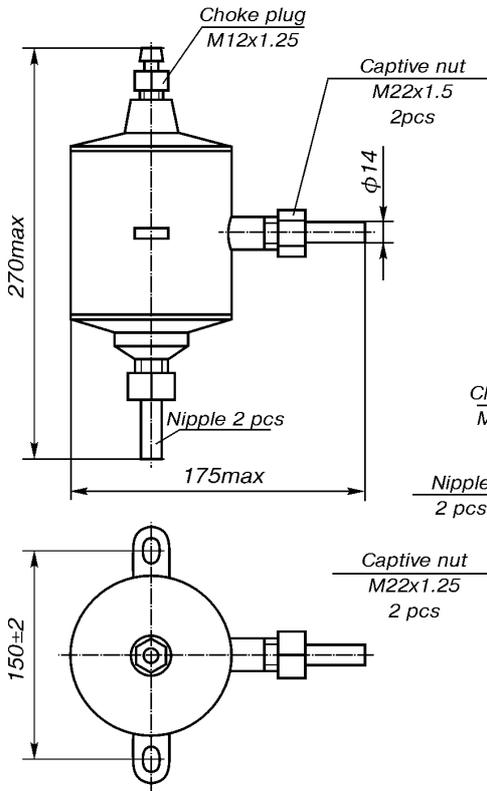


Fig.1. SU modification 2 (6.3; 25 MPa).

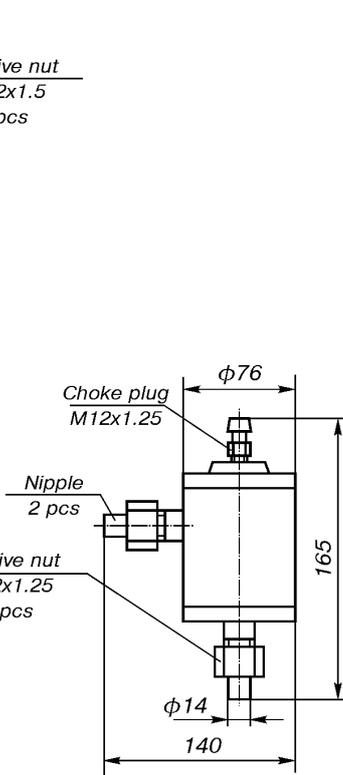


Fig.2. SU modification 2 (40 MPa).

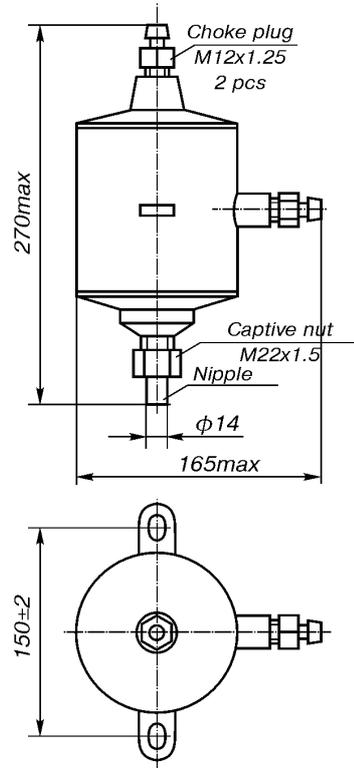


Fig.3. SU modification 4 (6.3 MPa).

SK Condensation Level vessels

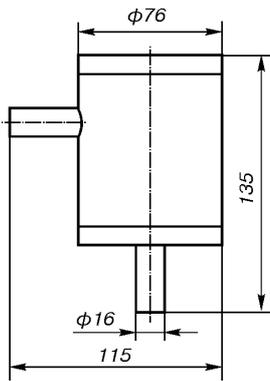


Fig.4. SK (40 MPa).

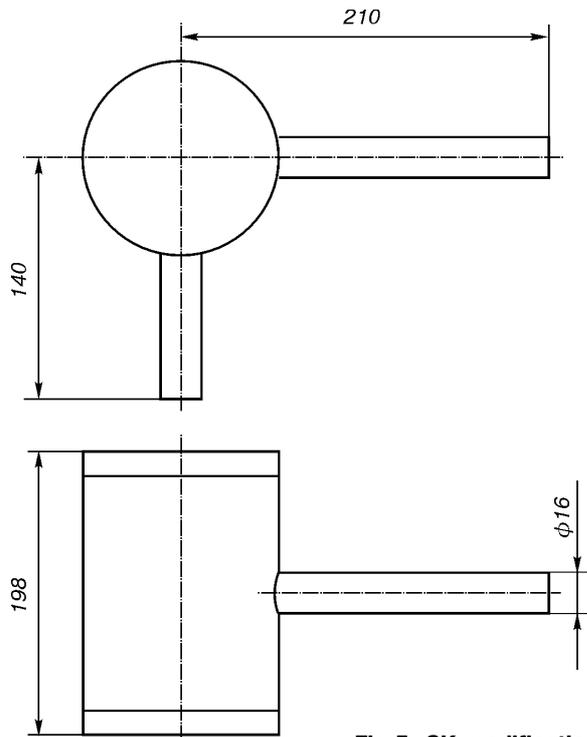


Fig.5. SK modification 1 (4; 10 MPa).

SR Separation Vessels

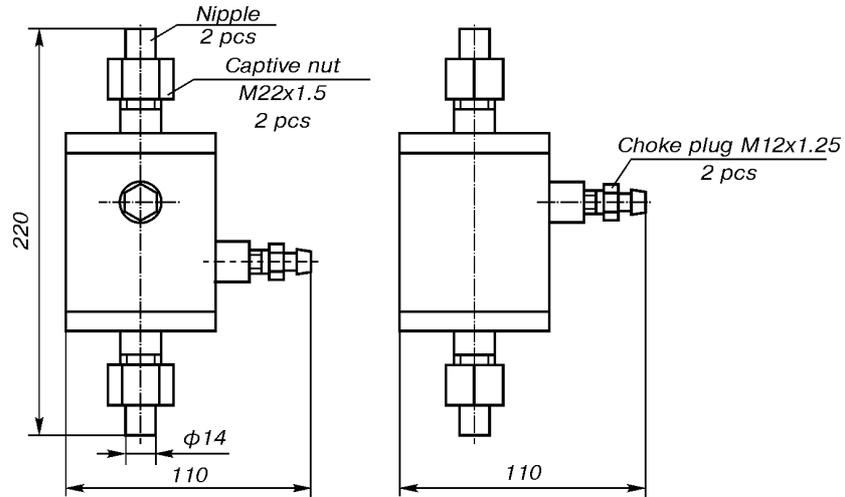


Fig.6. SR (40 MPa).

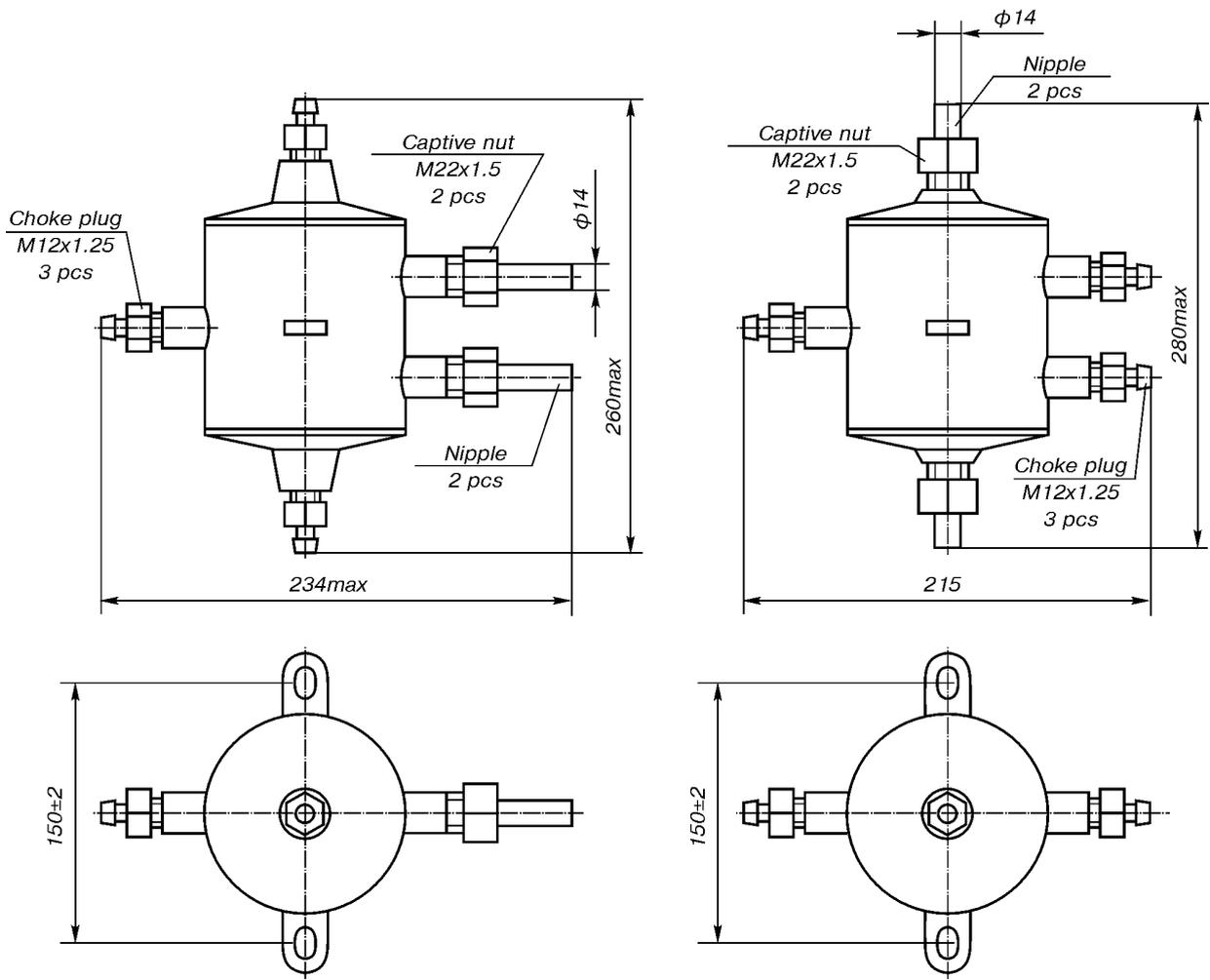


Fig.7. SR modification 4 (6.3; 25 MPa).

Fig.8. SR modification 2 (6.3; 25 MPa).