PRESSURE RELIEF DEVICES / SELECTION

YSF10 130 mm Directional

Large-bore directional pressure relief for oil-filled transformers, power capacitors and reactors. Independently wired dual electrical signals can be specified.

01 Operating and selection data

Parameter	Catalog information
Discharge diameter	130 mm
Discharge arrangement	Directional discharge
Ambient temperature	-30 to +50 °C
Operating temperature	-30 to +115 °C
Installation positions	Tank cover, raised seat or upper tank side wall
Sealing-pressure selection	Maximum normal tank pressure + 7 kPa must be less than the sealing pressure.

02 Order-code reference

YSF10-55/130KKJBTH

The 55 kPa opening pressure belongs to this example. Opening, closing and sealing pressures must be confirmed for the ordered configuration; the example is not a universal series rating.

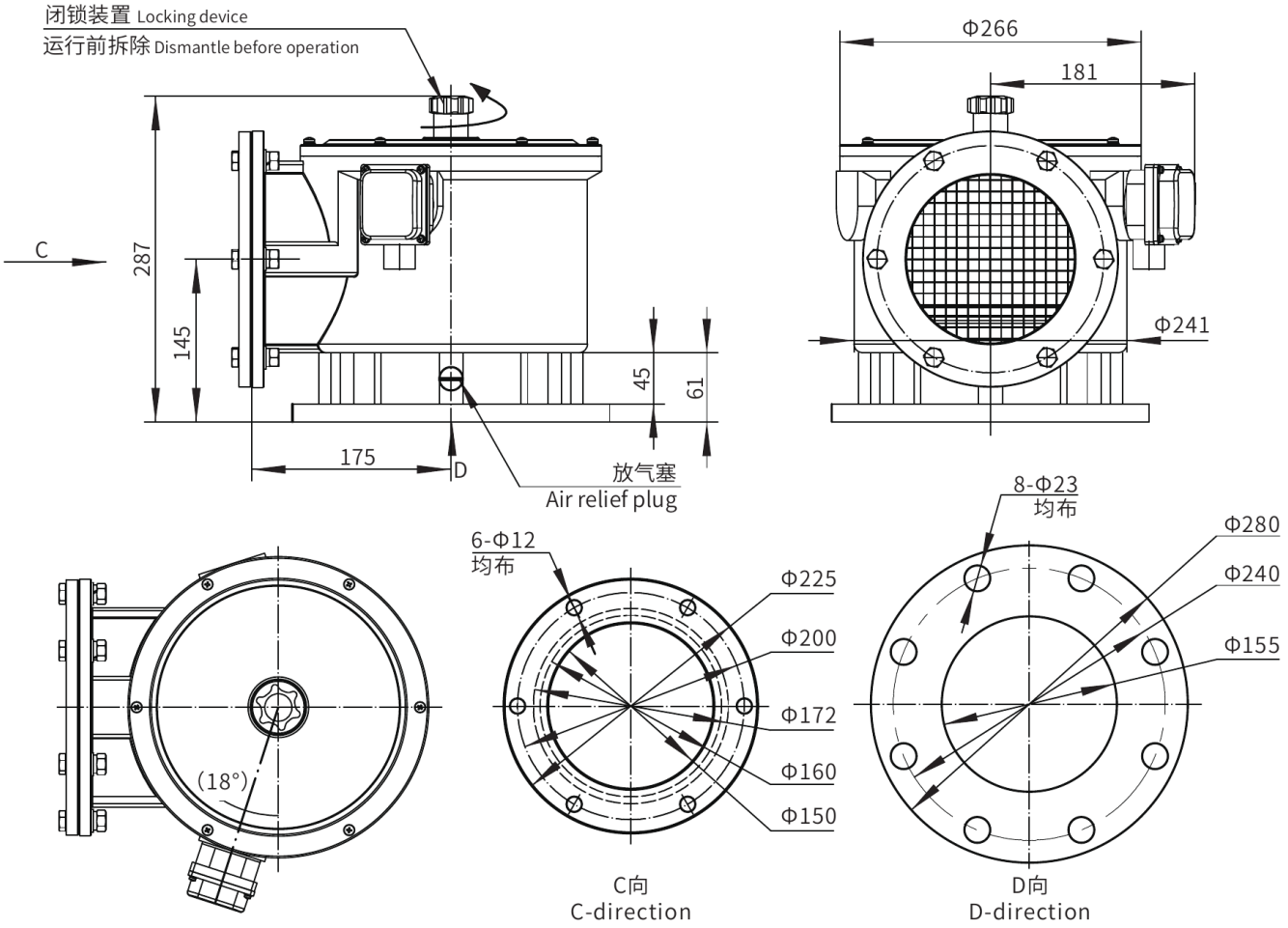
YSF10 130 mm directional series.

Source: printed catalog pages 15-16. This packet applies only to the named series. Match the complete order code, mounting and contact configuration before ordering.

ORIGINAL TECHNICAL DRAWINGS / MECHANICAL

Outline & mounting reference

Original bilingual dimensions and labels. Drawing values are in millimetres.



The source drawing labels an overall height of 287 mm and body diameter of 266 mm. Its C and D connection views differ from YSF16; these models are not interchangeable on the basis of bore alone.

Drawing note: remove the locking device before operation. Confirm the full installation drawing for the ordered configuration, including mounting clearances and outlet orientation.

ELECTRICAL CONTACTS / SIGNAL CONFIGURATION

Contacts & wiring

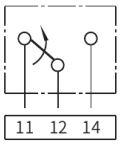
03 Contact capacity

Supply	Voltage	Resistive load	Inductive load
AC	220 V	5 A	3 A (cos phi = 0.4)
DC	220 V	0.3 A	0.05 A (T = 7 ms)

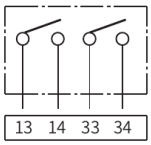
K: three-core. KK: four-core or six-core. The source uses terminals 11/12/14, 13/14/33/34 and 11/12/14/21/22/24 respectively.

产品接线图
Product wiring diagram

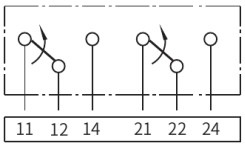
K型三芯
K-type three core



KK型四芯
KK-type four core



KK型六芯
KK-type six core



04 Suffix reference

K: electrical signal. **SK / KK**: dual electrical signals. **J**: mechanical indication. **B**: locking device. **TH / TA / T**: hot-humid / dry-hot / dry and humid tropical conditions. **D**: directional discharge where used in the order code.

Alternative contact diagrams are configuration references, not interchangeable wiring instructions. Match terminal numbering and outlet arrangement to the exact ordered product.