PRESSURE RELIEF DEVICES / SELECTION

YSF8 50 mm Directional

Directional pressure release for oil-filled equipment. The outlet arrangement routes released oil toward the specified collection piping.

01 Operating and selection data

Parameter	Catalog information
Discharge diameter	50 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

YSF8-55/50KKJBTH

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.

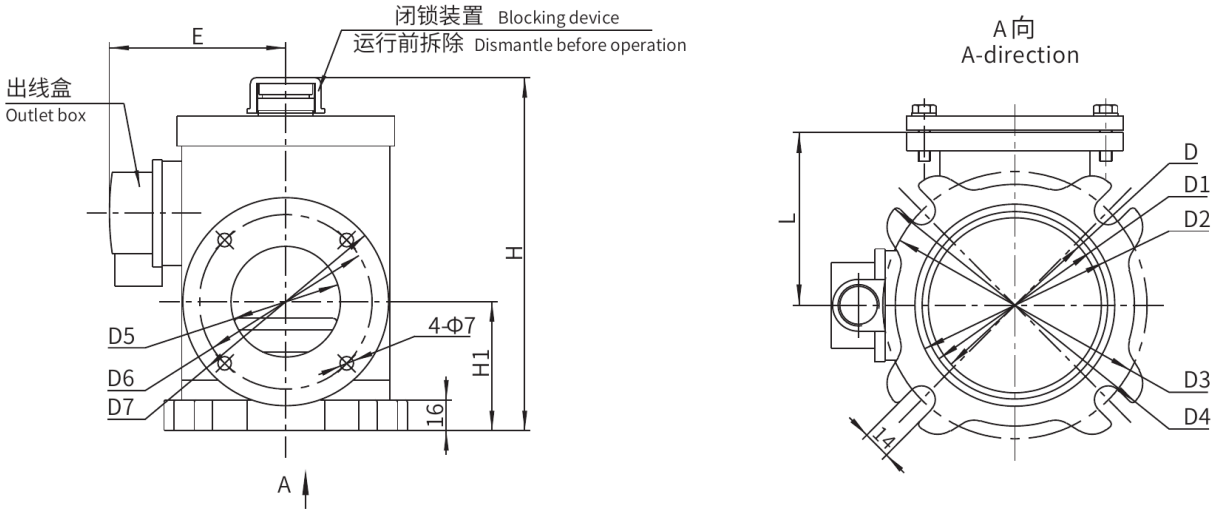
YSF8 50 mm, with separate left / right entries in the source dimension table.

Source: printed catalog pages 11-12. 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.



单位（units）mm

喷油口径 Caliber of oil-gushing	D	D1	D2	D3	D4	D5	D6	D7	H	H1	L	E	阀座安装螺栓 直径×数量 Valve seat installation bolt Diameter×quantity	定向口螺栓 直径×数量 Directional mouth bolt Diameter×quantity
φ50（左）	φ84	φ90	φ97	φ128	φ150	φ56	φ88	φ105	178	65	83	90	M12×4	M6×4
φ50（右）	φ84	φ90	φ97	φ128	φ150	φ50	φ75	φ85	178	60	70	90	M12×4	M6×4

Both table entries specify four M12 valve-seat bolts and four M6 directional-outlet bolts. The left / right outlet dimensions differ; confirm the exact arrangement before selecting piping.

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

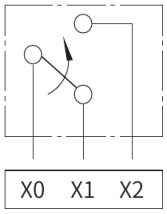
Supply	Voltage	Resistive load	Inductive load
AC	220 V	5 A	3 A (cos phi = 0.4)
DC	220 V	0.3 A	0.05 A (T = 7 ms)

K, double-sided KK and three-sided KKK outlet references are shown separately from single-sided KK with two normally open contacts.

产品接线图
Product wiring diagram

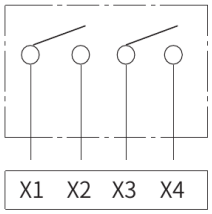
K型KK型双侧出线
及KKK型三侧出线

K-type KK type two-sided outlet and KKK type three-sided outlet



KK型单侧出线(2个常开点)

KK type single-sided outgoing line (two normally open points)



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.