

PRESSURE RELIEF DEVICES / SELECTION

YSF4II 50 mm

Improved pressure relief valve with a revised outlet-box seal and accessible locking device. A vent valve is optional.

01 Operating and selection data

Parameter	Catalog information
Discharge diameter	50 mm
Discharge arrangement	Standard 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

YSF4II-85/50KKJBTH

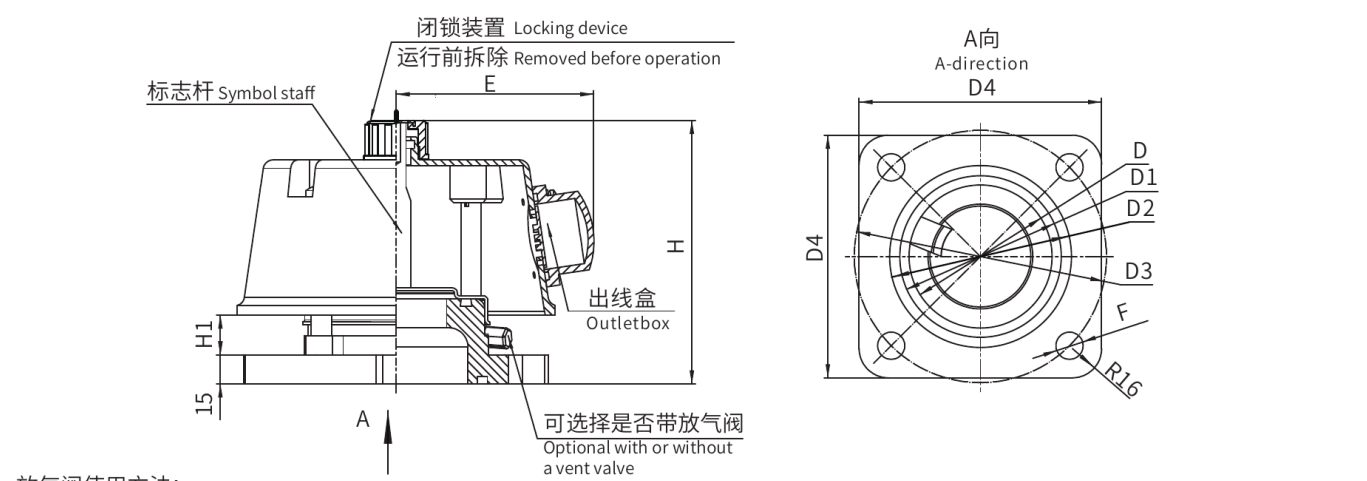
The 85 kPa opening pressure belongs to this example. Opening, closing and sealing pressures must be confirmed for the ordered configuration; the example is not a universal series rating.

YSF4II-50K (4II-50K in the original dimension table).

Source: printed catalog pages 05-06. This packet applies only to the named series. Match the complete order code, mounting and contact configuration before ordering.

Outline & mounting reference

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



放气阀使用方法:
Instructions for using the air release valve:



单位 (units) mm										
产品规格 Product model	D	D1	D2	D3	D4	H1	E	F	H	阀座安装螺栓 直径×数量 pedestal install bolt Diameter×quantity
4II-50K	Φ74	Φ83.5	Φ94	Φ130	125x125	28.5	102	Φ14	140	M12×4

The source table specifies four M12 mounting bolts. D4 is 125 x 125 mm and H is 140 mm. The source drawing includes the optional vent-valve arrangement.

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)

The left diagram covers K, double-sided KK and three-sided KKK outlets. The right diagram is single-sided KK with two normally open contacts.

产品接线图
Product wiring diagram



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.