

Characteristic: 1. Pilot operated diaphragm construction with less power consumption for longtime working
2. Applied to pressure system opened from 0.3 bar
3. Lifespan can be at 1 million cycles

Medium: Air, Water, Oil, etc.

Temperature: NBR Seal: -5°C to 80°C

EPDM Seal: -5°C to 100°C

VITON Seal: -5°C to 120°C

Pressure: 0.03Mpa~1.6Mpa

Port Size: 1/8", 1/4", 3/8", 1/2", 1 1/4", 1 1/2", 2"

Port Thread: G, BSP, NPT, FLANGE

Orifice(mm): 12, 15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150

Voltage: DC-12V, 24V, 36V

AC-24V, 120V, 240V/60Hz; 110V, 220V/50Hz

Tolerance: ±10%

Coils: S21B, 24VA(AC), 18W(DC), Ip65, 100%ED

S91B, 22VA(AC), 17W(DC), Ip65, 100%ED

Material: Body - Brass or stainless steel

Seal - VITON, NBR, EPDM

Armature Tube - Stainless Steel 304


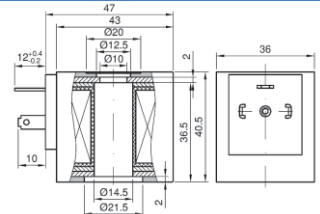

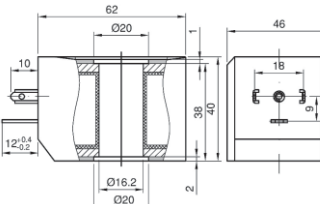
Plunger - Stainless Steel 430F


Stop - SS 403F

Springs - SS 304

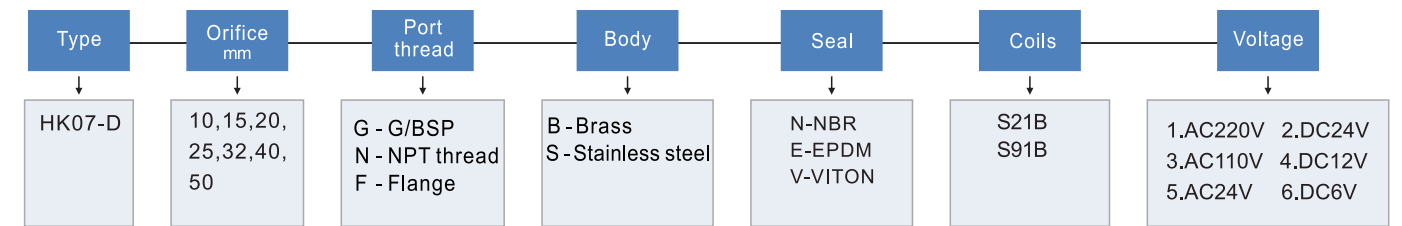
Shading Rings - Stainless Steel 304



| Model | Picture | Voltage | Motor Power | Protection Class | Available For | Outline Size Drawing |
|-------|---|---|-------------|------------------|--|---|
| S91B |  | 1.AC220V 2.AC110V 3.AC24V 1.DC24V 2.DC12V 3.DC6V <i>The voltage can be customized</i> | 22VA 17W | IP65 | DN10 DN15 DN20 DN25 DN32 DN40 DN50 |  |
| S21B |  | 1.AC220V 2.AC110V 3.AC24V 1.DC24V 2.DC12V 3.DC6V <i>The voltage can be customized</i> | 24VA 18W | IP65 | DN10 DN15 DN20 DN25 |  |

| | Model | Specification | Model | Specification |
|---|-----------------------|--|---------------------------------|-------------------|
|  | Power Supply Voltage | 24~380V AC/DC-50HZ/60Hz for "CE"Marked Timer | The Largest Current Consumption | 4mA Max |
| | Electrical Connection | DIN43650A | Water Proof Grade | IP65-EN 60529 |
| | Shell Material | Flame Retardant Abs Plastic | Time Interval (OFF) | From 0.5 to 10s. |
| | Ambient Temperature | -10°C ~+50°C | Discharge Time (NO) | From 0.5 to 45min |
| | Manual Test Button | Test | Indicator Lamp | Yellow LED |

Determine Valve Body Code

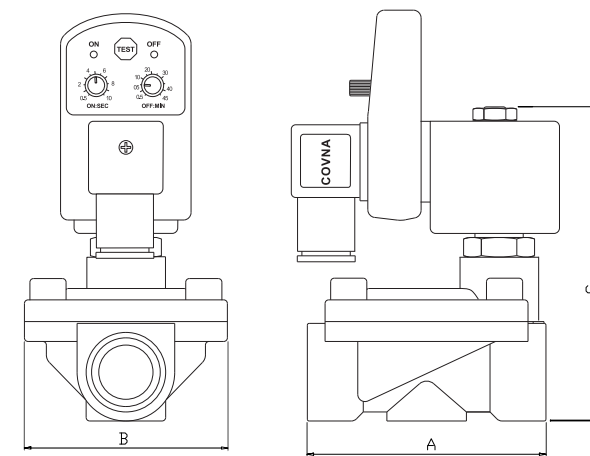


EXMAPLE:HK07-D SERIES, NC, 25MM ORIFICE, 1"G, STAINLESS BODY, PET SEAL, COIL S21H, AC220V, DIN

Technical Parameters

| Size | Port Size | Orifice mm | Cv | Min Pressure | Max Pressure | Operating Temperature | | | Weight |
|----------|-----------|------------|-----|--------------|--------------|-----------------------|------------|------------|--------|
| | | | | | | NBR | EPDM | VITON | |
| HK07-12 | 3/8" | 12 | 4.5 | 0.03MPa | 1.6MPa | -5°C-80°C | -5°C-100°C | -5°C-120°C | |
| HK07-15 | 1/2" | 15 | 4.5 | 0.03MPa | 1.6MPa | | | | |
| HK07-20 | 3/4" | 20 | 9.3 | 0.03MPa | 1.6MPa | | | | |
| HK07-25 | 1" | 25 | 12 | 0.03MPa | 1.6MPa | | | | |
| HK07-32 | 1-1/4" | 32 | 24 | 0.03MPa | 1.6MPa | | | | |
| HK07-40 | 1-1/2" | 40 | 29 | 0.03MPa | 1.6MPa | | | | |
| HK07-50 | 2" | 50 | 48 | 0.03MPa | 1.6MPa | | | | |
| HK07-65 | 2-1/2" | 65 | 68 | 0.03MPa | 1.6MPa | | | | |
| HK07-80 | 3" | 80 | 100 | 0.03MPa | 1.6MPa | | | | |
| HK07-100 | 4" | 100 | 175 | 0.03MPa | 1.6MPa | | | | |
| HK07-125 | 5" | 125 | 200 | 0.03MPa | 1.6MPa | | | | |
| HK07-150 | 6" | 150 | 250 | 0.03MPa | 1.6MPa | | | | |

Outline Size Drawing



| 阀体 | A | B | C |
|------|-----|-----|-----|
| DN15 | 73 | 48 | 93 |
| DN20 | 83 | 60 | 104 |
| DN25 | 100 | 70 | 126 |
| DN32 | 130 | 92 | 130 |
| DN40 | 130 | 92 | 130 |
| DN50 | 156 | 113 | 145 |