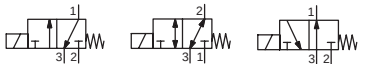
# ASCO™ Solenoid Valves

Direct Operated, 1/8" or 1/4" tapped

3/2 NC-U-NO
Series
**314**



- *Compact valve intended for single acting actuator control*
- *High operating speed*
- *Valve optimised for general 3-way piloting applications, only one spring and two moving parts*
- *RoHS compliance*
- *Valves do not require a minimum operating pressure*
- *Compliance with UL and CSA standards*
- *The solenoid valves satisfy all relevant EU directives*



## General

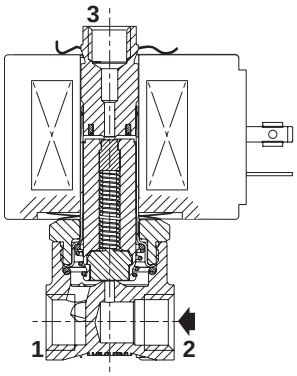
| | |
|---|---|
| **Differential pressure** | See «SPECIFICATIONS» [1 bar =100 kPa] |
| **Maximum viscosity** | 65 cSt ($mm^2/s$) |
| **Response time** | 5 - 25 ms |

| fluids (✶) | temperature range (TS) | seal materials (✶) |
|---|---|---|
| air, inert gas, water, oil | - 25°C to + 90°C | NBR (nitrile)<br>FPM (fluoroelastomer) |

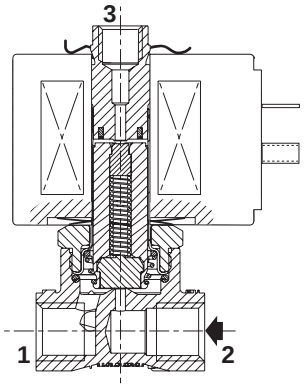
## Materials in contact with fluid

**(✶) Ensure that the compatibility of the fluids in contact with the materials is verified**

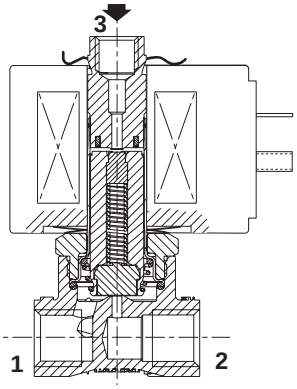
| | |
|---|---|
| **Body** | Brass or Stainless steel, AISI 304 |
| **Shading coil** | Copper or Silver |
| **Core tube** | Stainless steel, AISI 305 |
| **Core and plugnut** | Stainless steel, AISI 430F |
| **Springs** | Stainless steel, AISI 302 |
| **Seals** | NBR |
| **Disc** | NBR |
| **Upper disc** | FPM |
| **Core guide** | POM |




NC function (1/8)




NC function (1/4)




NO function (1/4)

## Electrical characteristics

| | |
|---|---|
| **Coil insulation class** | F |
| **Connector** | Spade plug (cable Ø 6-10 mm) |
| **Connector specification** | ISO 4400 / EN 175301-803, form A |
| **Electrical safety** | IEC 335 |
| **Electrical enclosure protection** | Moulded IP65 (EN 60529) |
| **Standard voltages** | DC (=) : 24V - 48V |
| (Other voltages and 60 Hz on request) | AC (~) : 24V - 48V - 115V - 230V/50 Hz |

| operator ambient temperature range (TS) | power ratings | | | | replacement coil (1) | |
|---|---|---|---|---|---|---|
| | inrush ~ | holding ~ | | hot/cold = | ~ | = |
| (°C) | (VA) | (VA) | (W) | (W) | 230 V/50 Hz | 24 V DC |
| -25 to +55 | 50 | 25 | 10,1 | 8,5/11,6 | 238613-059 | 238713-006 |

(1) All 238 basic numbers are UL & CSA approved and marked with the UR (recognised component) & CSA logos.

## Options

- **Seals and disc (✶)** (fluid temperature range) (2) — FPM (fluoroelastomer): -15°C to +120°C (AC) -15°C to +90°C (DC)
- Oxygen service, FPM disc and seals, see "15-DIGIT PRODUCT CODE"
- Connector with visual indication and peak voltage suppression or with cable length of 2 m
- Explosionproof enclosures for use in zones 1/21-2/22, categories 2-3 to ATEX Directive 2014/34/EU (See page: **7**)

**(✶) Vérifier la compatibilité du fluide avec les matériaux en contact.**

(2) The minimum ambient temperature of the solenoid valve is determined by the limitations of minimum temperature indicated.

01014GB-2019/R02
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## Specifications

| pipe size | orifice size | flow coefficient Kv 2 → 1 | | flow coefficient Kv 1 → 3 | | operating pressure differential (bar) min. | operating pressure differential (bar) max. (PS) air (✳) ~ | air (✳) = | water (✳) ~ | water (✳) = | oil (✳) ~ | oil (✳) = | power coil (W) ~ | power coil (W) = | thread type | dimensions / type (1) | 15-DIGIT PRODUCT CODE brass | 15-DIGIT PRODUCT CODE stainless steel | voltage code 24 V/50 Hz | 48 V/50 Hz | 115 V/50 Hz | 230 V/50 Hz | 24 V/DC | 48 V/DC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (mm) | (m³/h) | (l/min) | (m³/h) | (l/min) | | | | | | | | | | | | | | | | | | | |
| **Without manual operator** | | | | | | | | | | | | | | | | | | | | | | | | |
| **NC - Normally closed, NBR seal and disc** | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/8 | 1,2 | 0,04 | 0,7 | 0,05 | 0,8 | 0 | 20 | 17 | 20 | 17 | 20 | 17 | 10,1 | 11,6 | G | 01 | G314K031S1N00 | G314K037S1N00 | | | | | | |
| | 2,4 | 0,13 | 2,2 | 0,17 | 2,8 | 0 | 14 | 10 | 14 | 8 | 13 | 6 | 10,1 | 11,6 | G | 01 | G314K032S1N00 | G314K038S1N00 | | | | | | |
| | 3,2 | 0,22 | 3,7 | 0,17 | 2,8 | 0 | 10 | 6 | 10 | 6 | 6,5 | 4,5 | 10,1 | 11,6 | G | 01 | G314K033S1N00 | G314K039S1N00 | | | | | | |
| 1/4 | 1,2 | 0,04 | 0,7 | 0,05 | 0,8 | 0 | 20 | 17 | 20 | 17 | 20 | 17 | 10,1 | 11,6 | G* | 01 | E314K034S1N00 | E314K068S1N00 | | | | | | |
| | 2,4 | 0,13 | 2,2 | 0,17 | 2,8 | 0 | 14 | 10 | 14 | 8 | 13 | 6 | 10,1 | 11,6 | G* | 01 | E314K035S1N00 | E314K121S1N00 | FL | FR | FT | F8 | F1 | F9 |
| | 3,2 | 0,22 | 3,7 | 0,17 | 2,8 | 0 | 10 | 6 | 10 | 6 | 6,5 | 4,5 | 10,1 | 11,6 | G* | 01 | E314K036S1N00 | E314K126S1N00 | | | | | | |
| | 4 | 0,43 | 7,1 | 0,17 | 2,8 | 0 | 5 | 3 | 5 | 3 | 5 | 3 | 10,1 | 11,6 | G* | 01 | E314K130S1N00 | E314K230S1N00 | | | | | | |
| | 5,6 | 0,60 | 10 | 0,17 | 2,8 | 0 | 2,5 | 1,7 | 2,5 | 1,7 | 2,5 | 1,7 | 10,1 | 11,6 | G* | 01 | E314K131S1N00 | E314K231S1N00 | | | | | | |
| | 7,1 | 0,73 | 12,1 | 0,17 | 2,8 | 0 | 1,7 | 1 | 1,7 | 1 | 1,7 | 1 | 10,1 | 11,6 | G* | 01 | E314K132S1N00 | E314K232S1N00 | | | | | | |
| **U - Universal, NBR seal and disc** | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/8 | 1,2 | 0,04 | 0,7 | 0,05 | 0,8 | 0 | 13 | 13 | 13 | 13 | 13 | 13 | 10,1 | 11,6 | G | 01 | G314K041S1N00 | G314K042S1N00 | | | | | | |
| | 2,4 | 0,13 | 2,2 | 0,17 | 2,8 | 0 | 7 | 7 | 5,5 | 5,5 | 4 | 4 | 10,1 | 11,6 | G | 01 | G314K043S1N00 | G314K044S1N00 | | | | | | |
| | 3,2 | 0,22 | 3,7 | 0,17 | 2,8 | 0 | 4,5 | 3,5 | 4,5 | 3 | 2,5 | 3 | 10,1 | 11,6 | G | 01 | G314K045S1N00 | G314K040S1N00 | | | | | | |
| 1/4 | 1,2 | 0,04 | 0,7 | 0,05 | 0,8 | 0 | 13 | 13 | 13 | 13 | 13 | 13 | 10,1 | 11,6 | G* | 01 | E314K006S1N00 | E314K123S1N00 | | | | | | |
| | 2,4 | 0,13 | 2,2 | 0,17 | 2,8 | 0 | 7 | 7 | 5,5 | 5,5 | 4 | 4 | 10,1 | 11,6 | G* | 01 | E314K007S1N00 | E314K120S1N00 | FL | FR | FT | F8 | F1 | F9 |
| | 3,2 | 0,22 | 3,7 | 0,17 | 2,8 | 0 | 4,5 | 3,5 | 4,5 | 3 | 2,5 | 3 | 10,1 | 11,6 | G* | 01 | E314K008S1N00 | E314K124S1N00 | | | | | | |
| | 4 | 0,43 | 7,1 | 0,17 | 2,8 | 0 | 2,5 | 1,7 | 2,5 | 1,7 | 2,5 | 1,7 | 10,1 | 11,6 | G* | 01 | E314K127S1N00 | E314K227S1N00 | | | | | | |
| | 5,6 | 0,60 | 10 | 0,17 | 2,8 | 0 | 1,2 | 0,8 | 1,2 | 0,8 | 1,2 | 0,8 | 10,1 | 11,6 | G* | 01 | E314K128S1N00 | E314K228S1N00 | | | | | | |
| | 7,1 | 0,73 | 12,1 | 0,17 | 2,8 | 0 | 0,68 | 0,55 | 0,68 | 0,55 | 0,68 | 0,55 | 10,1 | 11,6 | G* | 01 | E314K129S1N00 | E314K229S1N00 | | | | | | |
| **NO - Normally open, NBR seal and disc** | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/8 | 1,2 | 0,04 | 0,7 | 0,05 | 0,8 | 0 | 20 | 17 | 20 | 17 | 20 | 17 | 10,1 | 11,6 | G | 01 | G314K049S1N00 | G314K055S1N00 | | | | | | |
| | 2,4 | 0,13 | 2,2 | 0,17 | 2,8 | 0 | 12 | 11 | 12 | 11 | 12 | 11 | 10,1 | 11,6 | G | 01 | G314K050S1N00 | G314K056S1N00 | | | | | | |
| | 3,2 | 0,22 | 3,7 | 0,17 | 2,8 | 0 | 11 | 10 | 11 | 10 | 11 | 10 | 10,1 | 11,6 | G | 01 | G314K051S1N00 | G314K057S1N00 | | | | | | |
| 1/4 | 1,2 | 0,04 | 0,7 | 0,05 | 0,8 | 0 | 20 | 17 | 20 | 17 | 20 | 17 | 10,1 | 11,6 | G* | 01 | E314K052S1N00 | E314K069S1N00 | | | | | | |
| | 2,4 | 0,13 | 2,2 | 0,17 | 2,8 | 0 | 12 | 11 | 12 | 11 | 12 | 11 | 10,1 | 11,6 | G* | 01 | E314K053S1N00 | E314K122S1N00 | FL | FR | FT | F8 | F1 | F9 |
| | 3,2 | 0,22 | 3,7 | 0,17 | 2,8 | 0 | 11 | 10 | 11 | 10 | 11 | 8 | 10,1 | 11,6 | G* | 01 | E314K054S1N00 | E314K070S1N00 | | | | | | |
| | 4 | 0,43 | 7,1 | 0,17 | 2,8 | 0 | 10 | 4 | 10 | 4 | 10 | 4 | 10,1 | 11,6 | G* | 01 | E314K133S1N00 | E314K233S1N00 | | | | | | |
| | 5,6 | 0,60 | 10 | 0,17 | 2,8 | 0 | 6,5 | 2,5 | 6,5 | 2,5 | 6,5 | 2,5 | 10,1 | 11,6 | G* | 01 | E314K134S1N00 | E314K234S1N00 | | | | | | |
| | 7,1 | 0,73 | 12,1 | 0,17 | 2,8 | 0 | 4 | 1,7 | 4 | 1,7 | 4 | 1,7 | 10,1 | 11,6 | G* | 01 | E314K135S1N00 | E314K235S1N00 | | | | | | |
| **With maintained manual operator** | | | | | | | | | | | | | | | | | | | | | | | | |
| **NC - Normally closed, NBR seal and disc** | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/8 | 1,2 | 0,04 | 0,7 | 0,05 | 0,8 | 0 | 20 | 17 | 20 | 17 | 20 | 17 | 10,1 | 11,6 | G | 01 | G314K031S1N01 | G314K037S1N01 | | | | | | |
| | 2,4 | 0,13 | 2,2 | 0,17 | 2,8 | 0 | 14 | 10 | 14 | 8 | 13 | 6 | 10,1 | 11,6 | G | 01 | G314K032S1N01 | G314K038S1N01 | | | | | | |
| | 3,2 | 0,22 | 3,7 | 0,17 | 2,8 | 0 | 10 | 6 | 10 | 6 | 6,5 | 4,5 | 10,1 | 11,6 | G | 01 | G314K033S1N01 | G314K039S1N01 | | | | | | |
| 1/4 | 1,2 | 0,04 | 0,7 | 0,05 | 0,8 | 0 | 20 | 17 | 20 | 17 | 20 | 17 | 10,1 | 11,6 | G* | 01 | E314K034S1N01 | E314K068S1N01 | | | | | | |
| | 2,4 | 0,13 | 2,2 | 0,17 | 2,8 | 0 | 14 | 10 | 14 | 8 | 13 | 6 | 10,1 | 11,6 | G* | 01 | E314K035S1N01 | E314K121S1N01 | FL | FR | FT | F8 | F1 | F9 |
| | 3,2 | 0,22 | 3,7 | 0,17 | 2,8 | 0 | 10 | 6 | 10 | 6 | 6,5 | 4,5 | 10,1 | 11,6 | G* | 01 | E314K036S1N01 | E314K126S1N01 | | | | | | |
| | 4 | 0,43 | 7,1 | 0,17 | 2,8 | 0 | 5 | 3 | 5 | 3 | 5 | 3 | 10,1 | 11,6 | G* | 01 | E314K130S1N01 | E314K230S1N01 | | | | | | |
| | 5,6 | 0,60 | 10 | 0,17 | 2,8 | 0 | 2,5 | 1,7 | 2,5 | 1,7 | 2,5 | 1,7 | 10,1 | 11,6 | G* | 01 | E314K131S1N01 | E314K231S1N01 | | | | | | |
| | 7,1 | 0,73 | 12,1 | 0,17 | 2,8 | 0 | 1,7 | 1 | 1,7 | 1 | 1,7 | 1 | 10,1 | 11,6 | G* | 01 | E314K132S1N01 | E314K232S1N01 | | | | | | |
| **U - Universal, NBR seal and disc** | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/8 | 1,2 | 0,04 | 0,7 | 0,05 | 0,8 | 0 | 13 | 13 | 13 | 13 | 13 | 13 | 10,1 | 11,6 | G | 01 | G314K041S1N01 | G314K042S1N01 | | | | | | |
| | 2,4 | 0,13 | 2,2 | 0,17 | 2,8 | 0 | 7 | 7 | 5,5 | 5,5 | 4 | 4 | 10,1 | 11,6 | G | 01 | G314K043S1N01 | G314K044S1N01 | | | | | | |
| | 3,2 | 0,22 | 3,7 | 0,17 | 2,8 | 0 | 4,5 | 3,5 | 4,5 | 3 | 2,5 | 3 | 10,1 | 11,6 | G | 01 | G314K045S1N01 | G314K040S1N01 | | | | | | |
| 1/4 | 1,2 | 0,04 | 0,7 | 0,05 | 0,8 | 0 | 13 | 13 | 13 | 13 | 13 | 13 | 10,1 | 11,6 | G* | 01 | E314K006S1N01 | E314K123S1N01 | | | | | | |
| | 2,4 | 0,13 | 2,2 | 0,17 | 2,8 | 0 | 7 | 7 | 5,5 | 5,5 | 4 | 4 | 10,1 | 11,6 | G* | 01 | E314K007S1N01 | E314K120S1N01 | FL | FR | FT | F8 | F1 | F9 |
| | 3,2 | 0,22 | 3,7 | 0,17 | 2,8 | 0 | 4,5 | 3,5 | 4,5 | 3 | 2,5 | 3 | 10,1 | 11,6 | G* | 01 | E314K008S1N01 | E314K124S1N01 | | | | | | |
| | 4 | 0,43 | 7,1 | 0,17 | 2,8 | 0 | 2,5 | 1,7 | 2,5 | 1,7 | 2,5 | 1,7 | 10,1 | 11,6 | G* | 01 | E314K127S1N01 | E314K227S1N01 | | | | | | |
| | 5,6 | 0,60 | 10 | 0,17 | 2,8 | 0 | 1,2 | 0,8 | 1,2 | 0,8 | 1,2 | 0,8 | 10,1 | 11,6 | G* | 01 | E314K128S1N01 | E314K228S1N01 | | | | | | |
| | 7,1 | 0,73 | 12,1 | 0,17 | 2,8 | 0 | 0,68 | 0,55 | 0,68 | 0,55 | 0,68 | 0,55 | 10,1 | 11,6 | G* | 01 | E314K129S1N01 | E314K229S1N01 | | | | | | |
| **NO - Normally open, NBR seal and disc** | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/8 | 1,2 | 0,04 | 0,7 | 0,05 | 0,8 | 0 | 20 | 17 | 20 | 17 | 20 | 17 | 10,1 | 11,6 | G | 01 | G314K049S1N01 | G314K055S1N01 | | | | | | |
| | 2,4 | 0,13 | 2,2 | 0,17 | 2,8 | 0 | 12 | 11 | 12 | 11 | 12 | 11 | 10,1 | 11,6 | G | 01 | G314K050S1N01 | G314K056S1N01 | | | | | | |
| | 3,2 | 0,22 | 3,7 | 0,17 | 2,8 | 0 | 11 | 10 | 11 | 10 | 11 | 8 | 10,1 | 11,6 | G | 01 | G314K051S1N01 | G314K057S1N01 | | | | | | |
| 1/4 | 1,2 | 0,04 | 0,7 | 0,05 | 0,8 | 0 | 20 | 17 | 20 | 17 | 20 | 17 | 10,1 | 11,6 | G* | 01 | E314K052S1N01 | E314K069S1N01 | | | | | | |
| | 2,4 | 0,13 | 2,2 | 0,17 | 2,8 | 0 | 12 | 11 | 12 | 11 | 12 | 11 | 10,1 | 11,6 | G* | 01 | E314K053S1N01 | E314K122S1N01 | FL | FR | FT | F8 | F1 | F9 |
| | 3,2 | 0,22 | 3,7 | 0,17 | 2,8 | 0 | 11 | 10 | 11 | 10 | 11 | 8 | 10,1 | 11,6 | G* | 01 | E314K054S1N01 | E314K070S1N01 | | | | | | |
| | 4 | 0,43 | 7,1 | 0,17 | 2,8 | 0 | 10 | 4 | 10 | 4 | 10 | 4 | 10,1 | 11,6 | G* | 01 | E314K133S1N01 | E314K233S1N01 | | | | | | |
| | 5,6 | 0,60 | 10 | 0,17 | 2,8 | 0 | 6,5 | 2,5 | 6,5 | 2,5 | 6,5 | 2,5 | 10,1 | 11,6 | G* | 01 | E314K134S1N01 | E314K234S1N01 | | | | | | |
| | 7,1 | 0,73 | 12,1 | 0,17 | 2,8 | 0 | 4 | 1,7 | 4 | 1,7 | 4 | 1,7 | 10,1 | 11,6 | G* | 01 | E314K135S1N01 | E314K235S1N01 | | | | | | |

(1) For dimensions, see drawing(s) for each construction type on the following page(s).

**(✳) Vérifier la compatibilité du fluide avec les matériaux en contact.**

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# ASCO™ Solenoid Valves

## 15-DIGIT PRODUCT CODE

E 314 K 034 S1 N00 F1

Configurator - CAD Files

**Thread connection**
**G** = ISO 228/1 (1/8)
**E** = ISO 228/1 & ISO 7/1 (combination thread, G*)
**8** = NPT (SAE 71051) [contact us]

**Product series**
**314**

**Revision letter**
**K** = Initial release

**Valves version**

**Electrical interface & explosion proof options**

**S1** = With spade plug connector

**MV** = Steel enclosure, M20 cable gland, IECEx/ATEX
II 2G Ex eb mb IIC Gb/II2D Ex tb IIIC Db, zone 1-21 (equivalent to EM prefix)(1)
**MT** = Steel enclosure, 20 mm conduit, IECEx/ATEX
II 2G Ex eb mb IIC Gb/II2D Ex tb IIIC Db, zone 1-21 (equivalent to EMET prefix)(1)
**MN** = Steel enclosure, 1/2 NPT conduit, IECEx/ATEX
II 2G Ex eb mb IIC Gb/II2D Ex tb IIIC Db zone 1-21 (equivalent to EMT prefix)(1)
**MW** = AISI 316L enclosure, M20 cable gland, IECEx/ATEX
II 2G Ex eb mb IIC Gb/II2D Ex tb IIIC Db, zone 1-21 (equivalent to WSEM prefix)(1)
**MU** = AISI 316L enclosure, 20 mm conduit, IECEx/ATEX
II 2G Ex eb mb IIC Gb/II2D Ex tb IIIC Db, zone 1-21 (equivalent to WSEMET prefix)(1)
**MS** = AISI 316L enclosure, 1/2 NPT conduit, IECEx/ATEX
II 2G Ex eb mb IIC Gb/II2D Ex tb IIIC Db, zone 1-21 (equivalent to WSEMT prefix)(1)
**A7** = Moulded enclosure, epoxy encapsulated, integrated cable, IECEx/ATEX
II 2G Ex mb IIC Gb / II 2D Ex mb IIIC Db, zone 1-21 (equivalent to PV prefix)(1)
**SG** = Moulded coil with connector, epoxy encapsulated, ATEX
II 3GD Ex ec IIC Gc / II 3GD Ex tc IIIC Dc, zone 22 (equivalent to SG prefix)(1)

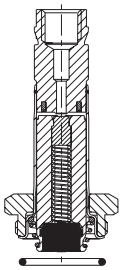
**Voltage - class**
**FL** = 24 V / 50 Hz - class F
**FR** = 48 V / 50 Hz - class F
**FT** = 115 V / 50 Hz - class F
**F8** = 230 V / 50 Hz - class F
**F1** = 24 V DC - class F
**F9** = 48 V DC - class F

**Options**
**Without manual operator**
**N00** = NBR disc and seals
**V00** = FPM disc and seals
**VN0** = FPM disc and seals for Oxygen service

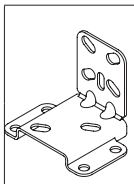
**With maintained manual operator**
**N01** = NBR disc and seals
**V01** = FPM disc and seals
**VN1** = FPM disc and seals for Oxygen service

(1) Search prefix in asco.com to get detailed technical information.
Please note that the valve pressure ratings with some of the ATEX enclosures will be reduced.
To obtain the correct pressure rating please check the landing pages of the "3-Way Solenoid Valve DIN Configurator".

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| | | Spare parts kits no. (✳) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | AC (~) | | | | DC (=) | | | |
| | | | NBR | FPM | FPM (oxygen) | | NBR | FPM | FPM (oxygen) |
|  | E314K006 | M200074 | N00 | V00 | VN0 | M200074 | N00 | V00 | VN0 |
| | E314K007/008 | M200078 | N00 | V00 | VN0 | M200075 | N00 | V00 | VN0 |
| | E314K034 | M200070 | N00 | V00 | VN0 | M200066 | N00 | V00 | VN0 |
| | E314K035/036 | M200071 | N00 | V00 | VN0 | M200067 | N00 | V00 | VN0 |
| | E314K052 | M200080 | N00 | V00 | VN0 | M200080 | N00 | V00 | VN0 |
| | E314K053/054 | M200081 | N00 | V00 | VN0 | M200081 | N00 | V00 | VN0 |
| | E314K068 | M200072 | N00 | V00 | VN0 | M200068 | N00 | V00 | VN0 |
| | E314K069 | M200082 | N00 | V00 | VN0 | M200082 | N00 | V00 | VN0 |
| | E314K070 | M200083 | N00 | V00 | VN0 | M200083 | N00 | V00 | VN0 |
| | E314K120 | M200079 | N00 | V00 | VN0 | M200077 | N00 | V00 | VN0 |
| | E314K121 | M200073 | N00 | V00 | VN0 | M200069 | N00 | V00 | VN0 |
| | E314K122 | M200083 | N00 | V00 | VN0 | M200083 | N00 | V00 | VN0 |
| | E314K123 | M200076 | N00 | V00 | VN0 | M200076 | N00 | V00 | VN0 |
| | E314K124 | M200079 | N00 | V00 | VN0 | M200077 | N00 | V00 | VN0 |
| | E314K126 | M200073 | N00 | V00 | VN0 | M200069 | N00 | V00 | VN0 |
| | E314K127/128/129 | M200078 | N00 | V00 | VN0 | M200075 | N00 | V00 | VN0 |
| | E314K130/131/132 | M200071 | N00 | V00 | VN0 | M200067 | N00 | V00 | VN0 |
| | E314K133/134/135 | M200081 | N00 | V00 | VN0 | M200081 | N00 | V00 | VN0 |
| | E314K227/228/229 | M200079 | N00 | V00 | VN0 | M200077 | N00 | V00 | VN0 |
| | E314K230/231/232 | M200073 | N00 | V00 | VN0 | M200069 | N00 | V00 | VN0 |
| | E314K233/234/235 | M200083 | N00 | V00 | VN0 | M200083 | N00 | V00 | VN0 |
| | G314K031 | M200070 | N00 | V00 | VN0 | M200066 | N00 | V00 | VN0 |
| | G314K032/033 | M200071 | N00 | V00 | VN0 | M200067 | N00 | V00 | VN0 |
| | G314K037 | M200072 | N00 | V00 | VN0 | M200068 | N00 | V00 | VN0 |
| | G314K038/039 | M200073 | N00 | V00 | VN0 | M200069 | N00 | V00 | VN0 |
| | G314K040 | M200079 | N00 | V00 | VN0 | M200077 | N00 | V00 | VN0 |
| | G314K041 | M200074 | N00 | V00 | VN0 | M200074 | N00 | V00 | VN0 |
| | G314K042 | M200076 | N00 | V00 | VN0 | M200076 | N00 | V00 | VN0 |
| | G314K043 | M200078 | N00 | V00 | VN0 | M200075 | N00 | V00 | VN0 |
| | G314K044 | M200079 | N00 | V00 | VN0 | M200077 | N00 | V00 | VN0 |
| | G314K045 | M200078 | N00 | V00 | VN0 | M200075 | N00 | V00 | VN0 |
| | G314K049 | M200080 | N00 | V00 | VN0 | M200080 | N00 | V00 | VN0 |
| | G314K050/051 | M200081 | N00 | V00 | VN0 | M200081 | N00 | V00 | VN0 |
| | G314K055 | M200082 | N00 | V00 | VN0 | M200082 | N00 | V00 | VN0 |
| | G314K056/057 | M200083 | N00 | V00 | VN0 | M200083 | N00 | V00 | VN0 |

✳Vérifier la compatibilité du fluide avec les matériaux en contact.

| | | Accessories code |
|---|---|---|
|  | Mounting bracket<br>Steel version<br>(AISI 1010 / 1.1121) | M200094A00 |
| | Mounting bracket<br>Stainless steel version<br>(AISI 304 / 1.4301) | M200095A00 |

## Installation

- The solenoid valves can be mounted in any position without affecting operation
- Solenoid valves have 2 mounting holes in body
- Thread connection “E” applicable for 1/4 have standard thread according to ISO 228/1 and ISO 7/1. Thread connection “G” applicable for 1/8, have standard thread according to ISO 228/1
- Thread connection “8” have standard thread = NPT (SAE 71051) (contact us)
- Installation/maintenance instructions are included with each valve

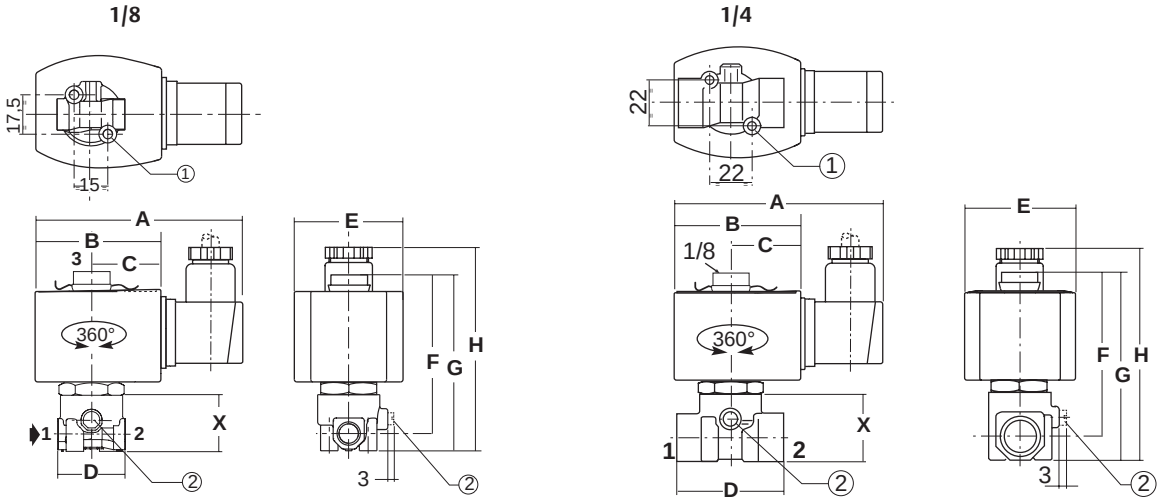
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## Dimensions (mm), Weight (kg)

Configurator - CAD Files



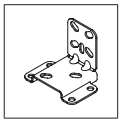
**TYPE 01**
Electrical interface "S1"
Epoxy moulded
IEC 335 / ISO 4400
IP65




| type | pipe size | A | B | C | D | E | F | G | H | X | weight (1) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | 1/8 | 95 | 57 | 33 | 31 | 50 | 71 | 79 | 90 | 26 | 0,30 |
| | 1/4 | 95 | 57 | 33 | 40 | 50 | 73 | 82 | 96 | 30 | 0,59 |

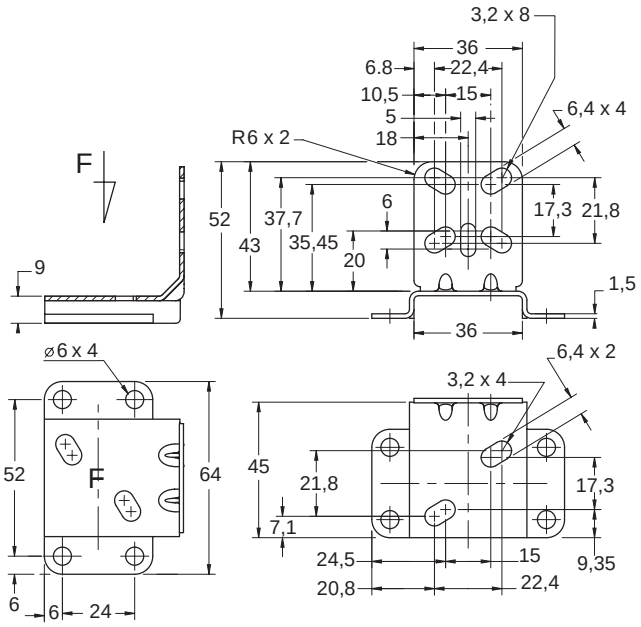
(1) Incl. coil(s) and connector(s).

(1) 2 mounting holes M5 dia., depth 6 mm.
(2) Manual operator location.



**Mounting bracket**
Steel or stainless steel

**M200094A00 / M200095A00**




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