GENERAL PURPOSE 3/2 SOLENOID VALVES

UNOX Solenoid valves are two-or three way valves that operate with AC and DC electrical energy and provide control of various fluids(air, gas, fuel, steam, water, etc.). UNOX solenoid valves, consisting of body, sleeve, coil, diaphragm and core, are manufactured in twotypes as normally closed (to open the closed valve when the coil receives energy) and normally open (to close the open valve when it receives energy from the coil)

3/2” GENERAL PURPOSE 1/8” NORMALLY CLOSED SOLENOID VALF GEM1119

GEM 1119

Product Description

Normally Closed Solenoid Valve does not allow fluid to pass through initially. With the electric current coming to the coil to open the valve, the coil moves and pulls the core upwards and the mouth of the irfis hole opens, so that the fluid under high pressure quickly moves to the outlet from the bypass hole, with this progress, the pressure inside drops very quickly and the pressure difference occurs inside. Due to this difference, the diaphragm lifts upwards by overcoming the spring force and the fluid is allowed to pass, thus the valve becomes open. All this happensin a very short time. Our productis designed to get the best efficiency.

Suggestions

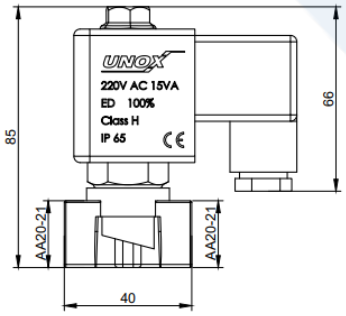
Mount the solenoid valve with the coil above. In the installation, such as strainer before the solenoid valve, etc. For high temperatures, we use more durable diaphragmand gasket material.

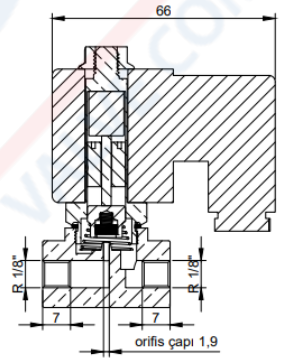
Usage

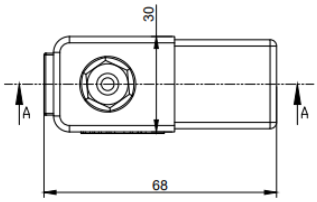
Valve Lock: Normally Closed
Nominal Size: 1/8 “
Nominal Pressure: PN 16
Temperature range: -10 to +180 ° C

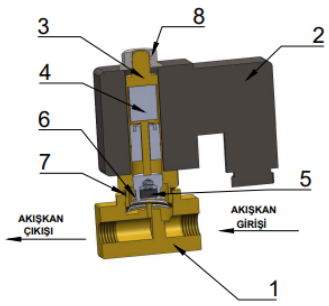
Technicial Specifications

Product Name - Code	1/8” General Purpose Normally Closed Solenoid Valf - GEM11119
Size	1/8”
Usages Areas	Water, Air, Neutral Gases, Liquids, Oild, Vapors Up To Maximum 180 °C
Connection Tooth Feature	BSP, Optionally NPT
Nominal Pressure	16 Bar
Working Pressure Range	0-10 Bar
Coil Specitication	IP 65, Class H, ED %100
Fluid Operating Temperature Range	-10/+180 °C
Envirenment Operating Temperature Range	-10/+60 °C
Valve Lock Status	Normally Closed
Metarial Range	0,320 kg
Flow Direction Feature	One Way
Diaphragm and Seal Feature	(NBR:-10°C /+80°C) , (EPDM:-10°C/+130°C) , (VİTON:-10°C/+160°C) ,(PFTE:-10°C/+180°C)
Response Time	Open Time: 300 ms Closed Time: 900ms
KVs(lt/dk)	1,75









No	Track Name	Material Name
1	Valf Body	MS 58
2	Body Cover	MS 58
3	Coil Cover	Powered Fiber Glass
4	Diyaphgram	NBR, EPDM, SKM, PTFE, RUBY
5	Hive	AISI316 Stainless Steel
6	Core	430F Stainless Steel
7	Bypass Gasket	NBR, EPDM, VİTON, PTFE, RUBY
8	Orifis Gasket	NBR, EPDM, VİTON, PTFE, RUBY

3/2” GENERAL PURPOSE 1/4” NORMALLY CLOSED SOLENOID VALF GEM1120

GEM 1120

Product Description

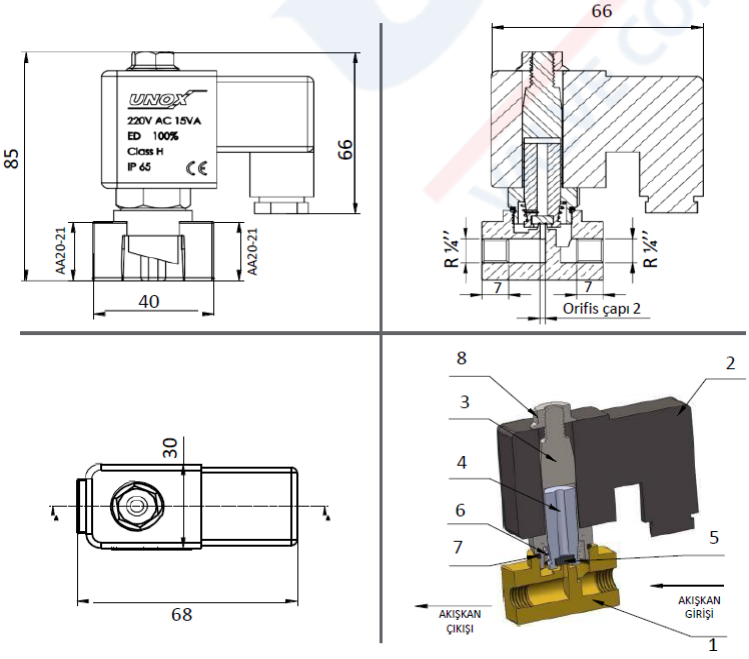
Normally Closed Solenoid Valve does not allow fluid to pass through initially. With the electric current coming to the coil to open the valve, the coil moves and pulls the core upwards and the mouth of the irfis hole opens, so that the fluid under high pressure quickly moves to the outlet from the bypass hole, with this progress, the pressure inside drops very quickly and the pressure difference occurs inside. Due to this difference, the diaphragm lifts upwards by overcoming the spring force and the fluid is allowed to pass, thus the valve becomes open. All this happensin a very short time. Our productis designed to get the best efficiency.

Suggestions

Mount the solenoid valve with the coil above. In the installation, such as strainer before the solenoid valve, etc. For high temperatures, we use more durable diaphragmand gasket material.

Usage

Valve Lock: Normally Closed
Nominal Size: 1/4 “
Nominal Pressure: PN 16
Temperature range: -10 to +180 ° C



Technicial Specifications

Product Name - Code	1/4” General Purpose Normally Closed Solenoid Valf - GEM1120
Size	1/4”
Usages Areas	Water, Air, Neutral Gases, Liquids, Oild, Vapors Up To Maximum 180 °C
Connection Tooth Feature	BSP, Optionally NPT
Nominal Pressure	16 Bar
Working Pressure Range	0-10 Bar
Coil Specitication	IP 65, Class H, ED %100
Fluid Operating Temperature Range	-10/+180 °C
Envirenment Operating Temperature Range	-10/+60 °C
Valve Lock Status	Normally Closed
Metarial Range	0,310 kg
Flow Direction Feature	One Way
Diaphragm and Seal Feature	(NBR:-10°C /+80°C) , (EPDM:-10°C/+130°C) , (VİTON:-10°-C/+160°C) ,(PFTE:-10°-C/+180°C)
Response Time	Open Time: 300 ms Closed Time: 900ms
KVs(lt/dk)	1,8

No	Track Name	Material Name
1	Valf Body	MS 58
2	Body Cover	MS 58
3	Coil Cover	Powered Fiber Glass
4	Diyaphgram	NBR, EPDM, SKM, PTFE, RUBY
5	Hive	AISI316 Stainless Steel
6	Core	430F Stainless Steel
7	Bypass Gasket	NBR, EPDM, VİTON, PTFE, RUBY
8	Orifis Gasket	NBR, EPDM, VİTON, PTFE, RUBY