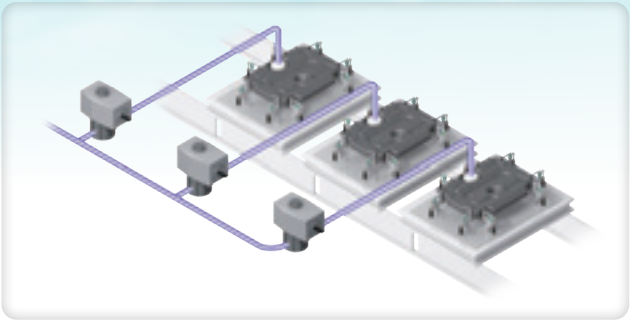
Limited Edition News

CKD

Ideal for High Pressure Fluid Control

Pressure specification
15 MPa

High pressure leakage inspection



High pressure cleaning

For image purposes.

Specifications

Model		A2-6804	A2-6805
Actuation		Direct acting	Pilot operated
Port size		Rc1/8	Rc3/8
Working fluid		Water, oil (50mm²/s or less) * 1	
Proof pressure	MPa	25 (water pressure)	
Max. working pressure	MPa	15.0	
Working pressure differential	MPa	-	0.1 to 15
Fluid temperature	°C	-10 to 60 (no freezing)	
Ambient temperature	°C	-10 to 60	
Internal leakage	cm³/min	0 (water pressure: 0.1 to 15MPa)	
Rated voltage	V	24 VDC ±10%	100 VAC ±10%
Power consumption	W	10.4	6.7/5.7 (50Hz/60Hz)
Apparent power	VA	-	When holding: 18/15 When starting: 29/24
Rating		Intermittent rated energizing duty ratio: 50% or less	
Body/sealant		Body: Stainless steel main valving element: PCTFE	
Orifice size	mm	1	6
Weight	kg	0.7	0.85

*1: Contact CKD for other fluids.

*2: Refer to the specifications sheet for details.

High pressure 2-port solenoid valve A2-6804/A2-6805

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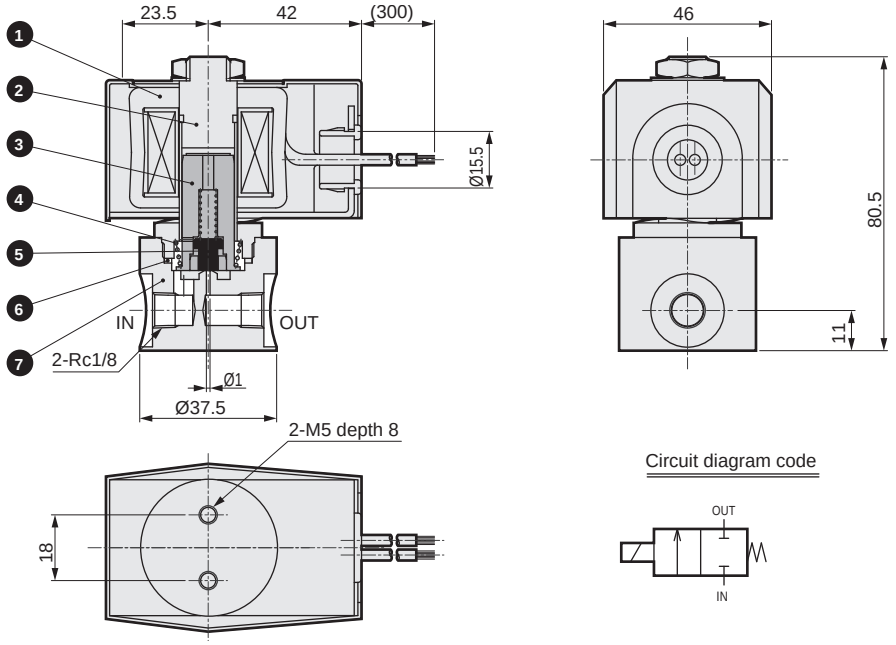
https://www.ckd.co.jp/en/

LN-003A

●Contact a CKD Sales representative for special specifications of this product.

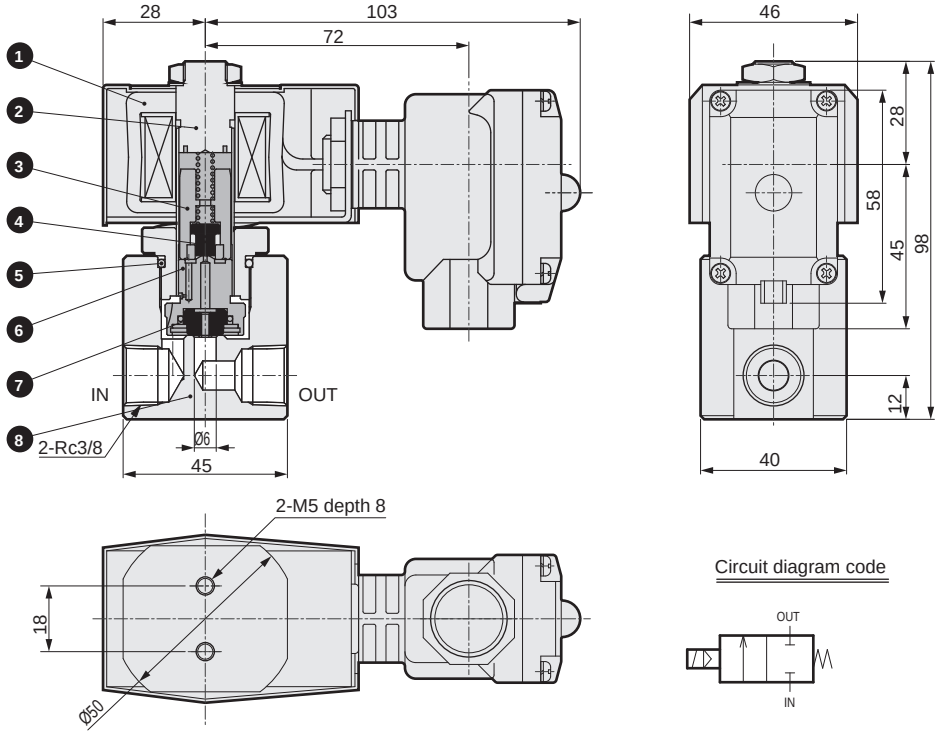
A2-6804 direct acting



Circuit diagram code

Part No.	Part name	Material
❶	Coil	-
❷	Core assembly	SUS40 5Phase/ 316L/ 304 Stainless steel# (plating)
❸	Plunger	SUS40 5Equivalent Stainless steel
❹	Spring	SUS303 Stainless steel
❺	Valve body	PCTFE Ethylene trifluoride
❻	Gasket	HNBR Hydrogenated nitrile rubber
❼	Body	SUS303 Stainless steel

A2-6805 Pilot operated



Circuit diagram code

Part No.	Part name	Material
❶	Coil	-
❷	Core assembly	SUS40 5Phase/ 316L/304 Stainless steel# (plating)
❸	Plunger	SUS405 or equiv. Stainless steel
❹	Valve body	PCTFE Ethylene trifluoride
❺	Gasket	HNBR Hydrogenated nitrile rubber
❻	Valve body	SUS304 Stainless steel
❼	Main valving element	PCTFE Ethylene trifluoride
❽	Body	SUS303 Stainless steel

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