



Hydronics Depot Inc.
Official Distributor of ODE Italy

Series 31A SOLENOID VALVE

Series 31A

3-way, direct acting, normally closed solenoid valve

1/8" - 1/4"

Pipe Sizes

8W

Coil

0-290 psi

Operating Pressure



Materials Construction

Body:	Brass
Armature Tube:	Stainless Steel 300
Fixed Core:	Stainless Steel 400
Plunger:	Stainless Steel 400
Spring:	Stainless Steel 300
Shading Ring:	Copper

Electrical Connection

Rating	NEMA 4
Strain Relief Connector	CAGDIN/01
1/2" Conduit Connector	CONDIN/02
6 ft. Power Cord	PCC6FT/03

Note: For more detailed information, please contact us at info@odecanada.com



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Sealing Material	Temperature Range	Medium Examples
FKM	14° – 280°F	Air, Inert Gas, Water, Synthetic oils

Model	Pipe Size (inch)	Orifice Size (Inch)	Flow Factor (CV)	Watt Rating (W)	Min Pressure (PSI)	Max Pressure (AC)	Max Pressure (DC)	Voltage (AC / DC)
31A3AV10	1/8"	3/64"	0.05	8	0	290	290	12,24,110,220
31A3AV15	1/8"	1/16"	0.1	8	0	215	215	12,24,110,220
31A3AV20	1/8"	5/64"	0.14	8	0	145	145	12,24,110,220
31A3AV25	1/8"	3/32"	0.22	8	0	85	85	12,24,110,220
31A3AV30	1/8"	1/8"	0.28	8	0	70	70	12,24,110,220
31A2AV10	1/4"	3/64"	0.06	8	0	290	290	12,24,110,220
31A2AV15	1/4"	1/16"	0.1	8	0	215	215	12,24,110,220
31A2AV20	1/4"	5/64"	0.14	8	0	145	145	12,24,110,220
31A2AV25	1/4"	3/32"	0.22	8	0	85	85	12,24,110,220
31A2AV30	1/4"	1/8"	0.28	8	0	70	70	12,24,110,220

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Sealing Material	Temperature Range	Medium Examples
NBR	14° – 195°F	Air, Inert Gas, Water

Model	Pipe Size (inch)	Orifice Size (Inch)	Flow Factor (CV)	Watt Rating (W)	Min Pressure (PSI)	Max Pressure (AC)	Max Pressure (DC)	Voltage (AC / DC)
31A3AB10	1/8"	3/64"	0.05	8	0	290	290	12,24,110,220
31A3AB15	1/8"	1/16"	0.1	8	0	215	215	12,24,110,220
31A3AB20	1/8"	5/64"	0.14	8	0	145	145	12,24,110,220
31A3AB25	1/8"	3/32"	0.22	8	0	85	85	12,24,110,220
31A3AB30	1/8"	1/8"	0.28	8	0	70	70	12,24,110,220
31A2AB10	1/4"	3/64"	0.06	8	0	290	290	12,24,110,220
31A2AB15	1/4"	1/16"	0.1	8	0	215	215	12,24,110,220
31A2AB20	1/4"	5/64"	0.14	8	0	145	145	12,24,110,220
31A2AB25	1/4"	3/32"	0.22	8	0	85	85	12,24,110,220
31A2AB30	1/4"	1/8"	0.28	8	0	70	70	12,24,110,220

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Sealing Material	Temperature Range	Medium Examples
RUBY	-40° – 360°F	Air, Inert Gas, Water, Steam

Model	Pipe Size (inch)	Orifice Size (Inch)	Flow Factor (CV)	Watt Rating (W)	Min Pressure (PSI)	Max Pressure (AC)	Max Pressure (DC)	Voltage (AC / DC)
31A3AR10	1/8"	3/64"	0.05	8	0	290	290	12,24,110,220
31A3AR15	1/8"	1/16"	0.1	8	0	215	215	12,24,110,220
31A3AR20	1/8"	5/64"	0.14	8	0	145	145	12,24,110,220
31A3AR25	1/8"	3/32"	0.22	8	0	85	85	12,24,110,220
31A3AR30	1/8"	1/8"	0.28	8	0	70	70	12,24,110,220
31A2AR10	1/4"	3/64"	0.06	8	0	290	290	12,24,110,220
31A2AR15	1/4"	1/16"	0.1	8	0	215	215	12,24,110,220
31A2AR20	1/4"	5/64"	0.14	8	0	145	145	12,24,110,220
31A2AR25	1/4"	3/32"	0.22	8	0	85	85	12,24,110,220
31A2AR30	1/4"	1/8"	0.28	8	0	70	70	12,24,110,220

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