

Series 21A

2-way, direct acting, normally closed solenoid valve

1/8"-1/4"

Pipe Sizes

8W, 12W, 14W

Coils

0-1450 psi

Operating Pressure



Materials of 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:	Model 009
1/2" Conduit Connector:	Model 010
6 ft. Power Cord:	Model GRN100



Note: For more detailed specifications, please refer to the datasheet of any individual solenoid valve model within this series.

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

Series 21A solenoid valve models, with FKM sealing:

Model #	Pipe Size (Inch)	Orifice Size (Inch)	Flow Factor (CV)	Watt Rating (W)	Min. Pressure (PSI)	Max. Pressure (AC/DC)
21A3KV15	1/8"	1/16"	0.10	8	0	430/260
21A3KV20	1/8"	5/64"	0.14	8	0	315/230
21A3KV20	1/8"	5/64"	0.14	12	0	505/435
21A3KV20	1/8"	5/64"	0.14	14	0	505/435
21A3KV25	1/8"	3/32"	0.22	8	0	200/130
21A3KV25	1/8"	3/32"	0.22	12	0	435/360
21A3KV25	1/8"	3/32"	0.22	14	0	435/360
21A3KV30	1/8"	1/8"	0.28	8	0	145/85
21A3KV30	1/8"	1/8"	0.28	12	0	360/260
21A3KV30	1/8"	1/8"	0.28	14	0	360/290
21A3KV45	1/8"	3/16"	0.45	8	0	70/30
21A3KV45	1/8"	3/16"	0.45	12	0	170/100
21A3KV45	1/8"	3/16"	0.45	14	0	170/115
21A2KV15	1/4"	1/16"	0.10	8	0	430/260
21A2KV20	1/4"	5/64"	0.14	8	0	315/230
21A2KV20	1/4"	5/64"	0.14	12	0	505/435
21A2KV20	1/4"	5/64"	0.14	14	0	505/435
21A2KV25	1/4"	3/32"	0.22	8	0	200/130
21A2KV25	1/4"	3/32"	0.22	12	0	435/360
21A2KV25	1/4"	3/32"	0.22	14	0	435/360
21A2KV30	1/4"	1/8"	0.28	8	0	145/85
21A2KV30	1/4"	1/8"	0.28	12	0	360/260
21A2KV30	1/4"	1/8"	0.28	14	0	360/290
21A2KV45	1/4"	3/16"	0.45	8	0	70/30
21A2KV45	1/4"	3/16"	0.45	12	0	170/100
21A2KV45	1/4"	3/16"	0.45	14	0	170/115
21A2KV55	1/4"	7/32"	0.63	8	0	45/15
21A2KV55	1/4"	7/32"	0.63	12	0	100/35
21A2KV55	1/4"	7/32"	0.63	14	0	145/70

NBR Sealing Material	14°- 195° F Temperature Range	Air, Inert gas, Water Medium Examples
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Series 21A solenoid valve models, with NBR sealing:

Model #	Pipe Size (Inch)	Orifice Size (Inch)	Flow Factor (CV)	Watt Rating (W)	Min. Pressure (PSI)	Max. Pressure (AC/DC)
21A3KB15	1/8"	1/16"	0.10	8	0	430/260
21A3KB20	1/8"	5/64"	0.14	8	0	315/230
21A3KB20	1/8"	5/64"	0.14	12	0	505/435
21A3KB20	1/8"	5/64"	0.14	14	0	505/435
21A3KB25	1/8"	3/32"	0.22	8	0	200/130
21A3KB25	1/8"	3/32"	0.22	12	0	435/360
21A3KB25	1/8"	3/32"	0.22	14	0	435/360
21A3KB30	1/8"	1/8"	0.28	8	0	145/85
21A3KB30	1/8"	1/8"	0.28	12	0	360/260
21A3KB30	1/8"	1/8"	0.28	14	0	360/290
21A3KB45	1/8"	3/16"	0.45	8	0	70/30
21A3KB45	1/8"	3/16"	0.45	12	0	170/100
21A3KB45	1/8"	3/16"	0.45	14	0	170/115
21A2KB15	1/4"	1/16"	0.10	8	0	430/260
21A2KB20	1/4"	5/64"	0.14	8	0	315/230
21A2KB20	1/4"	5/64"	0.14	12	0	505/435
21A2KB20	1/4"	5/64"	0.14	14	0	505/435
21A2KB25	1/4"	3/32"	0.22	8	0	200/130
21A2KB25	1/4"	3/32"	0.22	12	0	435/360
21A2KB25	1/4"	3/32"	0.22	14	0	435/360
21A2KB30	1/4"	1/8"	0.28	8	0	145/85
21A2KB30	1/4"	1/8"	0.28	12	0	360/260
21A2KB30	1/4"	1/8"	0.28	14	0	360/290
21A2KB45	1/4"	3/16"	0.45	8	0	70/30
21A2KB45	1/4"	3/16"	0.45	12	0	170/100
21A2KB45	1/4"	3/16"	0.45	14	0	170/115
21A2KB55	1/4"	7/32"	0.63	8	0	45/15
21A2KB55	1/4"	7/32"	0.63	12	0	100/35
21A2KB55	1/4"	7/32"	0.63	14	0	145/70

PTFE Sealing Material	-40°- 360° F Temperature Range	Air, Inert gas, Water, Synthetic oils Medium Examples
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Series 21A solenoid valve models, with PTFE sealing:

Model #	Pipe Size (Inch)	Orifice Size (Inch)	Flow Factor (CV)	Watt Rating (W)	Min. Pressure (PSI)	Max. Pressure (AC/DC)
21AN2K0T12XC	1/4"	3/64"	0.07	8	0	1450/1300
21AN2K0T12XC	1/4"	3/64"	0.07	12	0	1450/1450