

Series 21HN

2-way, internally piloted, normally closed solenoid valve, with assisted lift

1/4"-1"

Pipe Sizes

8W, 12W, 14W

Coils

0-200 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.

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

Model #	Pipe Size (Inch)	Orifice Size (Inch)	Flow Factor (CV)	Watt Rating (W)	Min. Pressure (PSI)	Max. Pressure (AC/DC)
21HN2KY110	1/4"	7/16"	1.40	8	0	200/75
21HN2KY110	1/4"	7/16"	1.40	12	0	200/200
21HN2KY110	1/4"	7/16"	1.40	14	0	200/200
21HN3KY110	3/8"	7/16"	1.40	8	0	200/75
21HN3KY110	3/8"	7/16"	1.40	12	0	200/200
21HN3KY110	3/8"	7/16"	1.40	14	0	200/200
21HN4KY160	1/2"	5/8"	2.80	8	0	200/35
21HN4KY160	1/2"	5/8"	2.80	12	0	200/160
21HN4KY160	1/2"	5/8"	2.80	14	0	200/200
21HN5KY160	3/4"	5/8"	2.80	8	0	200/35
21HN5KY160	3/4"	5/8"	2.80	12	0	200/160
21HN5KY160	3/4"	5/8"	2.80	14	0	200/200
21HN6KY250	1"	1"	8.30	8	0	116/0
21HN6KY250	1"	1"	8.30	12	0	200/22
21HN6KY250	1"	1"	8.30	14	0	200/85

*PA = polyamide

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

Series 21HN 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)
21HN2KV110	1/4"	7/16"	1.40	8	0	200/75
21HN2KV110	1/4"	7/16"	1.40	12	0	200/200
21HN2KV110	1/4"	7/16"	1.40	14	0	200/200
21HN3KV110	3/8"	7/16"	1.40	8	0	200/75
21HN3KV110	3/8"	7/16"	1.40	12	0	200/200
21HN3KV110	3/8"	7/16"	1.40	14	0	200/200
21HN4KV160	1/2"	5/8"	2.80	8	0	200/35
21HN4KV160	1/2"	5/8"	2.80	12	0	200/160
21HN4KV160	1/2"	5/8"	2.80	14	0	200/200
21HN5KV160	3/4"	5/8"	2.80	8	0	200/35
21HN5KV160	3/4"	5/8"	2.80	12	0	200/160
21HN5KV160	3/4"	5/8"	2.80	14	0	200/200
21HN6KV250	1"	1"	8.30	8	0	116/0
21HN6KV250	1"	1"	8.30	12	0	200/22
21HN6KV250	1"	1"	8.30	14	0	200/85