

Skinner Valve

SNAP Catalog

Skinner Normally Available Product listing provides customers with a condensed list of the most popular products with the best lead times available from Skinner Valve.

SNAP 0900



SKINNER'S SNAP Catalog. . . Serving you better.

Skinner's SNAP catalog identifies products that Skinner Valve stocks to provide the shortest possible delivery lead times from the factory.

The Skinner 7000 Series, which is modular in construction, is stocked as pressure vessels and coils. This method allows for "mix and match" assembly of components through our final assembly and test cell, and shipment from Skinner Valve in 2 working days. SNAP 7000 Series may be purchased as modular components, or as fully assembled valves, depending on your needs.

SNAP also includes a limited selection of Skinner's most popular, fully assembled 3000, B, C, MB and V9 Series solenoid valves.

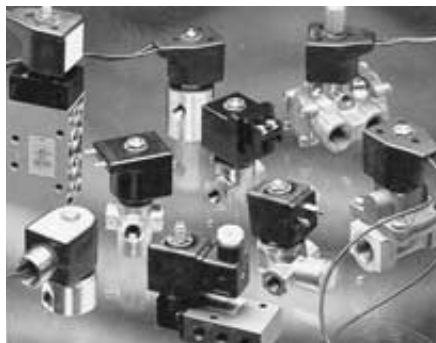


Skinner's final assembly and test cell for SNAP products.

When selecting a valve, application requirements are the most important factor. However, delivery may also play a critical role. Once all requirements are determined, Skinner's SNAP offering allows you to make trade-offs in order to select a product that will best suit the application, while providing the best possible factory delivery.

In order to ensure consistent 2-day or better delivery lead times for SNAP products, Skinner must limit quantities of a single item to 50 pieces or less. For more than 50 pieces, please consult an Authorized Skinner Distributor or Skinner Valve's Customer Response Center for delivery information.

7000 SERIES



The SNAP 7000 Series products include 2-, 3- and 4-way pressure vessels in normally open, normally closed and multipurpose constructions. Integrated coils include 1/2" conduit, DIN and leaded terminations in both AC and DC voltages.

3000 SERIES

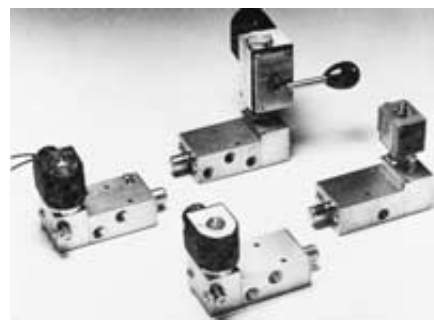


The SNAP 3000 Series includes a selection of 2- and 3-way pressure vessels that must be ordered with one of the listed coils, as a fully assembled valve. Coils are available in AC and DC voltages with either 1/4" tab, 12" or 18" leaded terminations.

B, C, MB AND V9 SERIES

The SNAP B, C, MB and V9 Series includes a selection of 2-, 3- and 4-way valves. Voltage and enclosure combinations are dependent upon the specific valve selected, however, they include AC and DC voltages in grommet or conduit style enclosures.

VALVE ACTUATION SERIES



The SNAP Valve Actuation Series offering includes a selection of 3- and 4-way pipe mount and direct mount (NAMUR) valves. Integrated coils include standard 3000 Series and 7000 Series coils plus a selection of low power integrated coils.

SEAL MATERIAL DESIGNATIONS

ASTM Designation	Commercial Designations and/or Trade Names
NBR	Buna-N, Nitrile
EPDM	Ethylene Propylene
FKM	Fluorinated Hydrocarbon, Viton®
PCTFE	Kel-F
PTFE	Teflon®, Rulon®AR

Viton® and Teflon® are DuPont Co. trademarks.
Rulon®AR is a Furon-Advanced Polymers Division trademark.

SKINNER SNAP Two-Way Solenoid Valves

BRASS VALVES-NORMALLY CLOSED

SKINNER 7000 SERIES, GENERAL PURPOSE

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)		Max.(*1) Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material	
			Min.(*)	Maximum					
				AC Rating 10 watt					DC Rating 10 watt
1/8"	1/8	0.31	0	365	125	165	7121KBN1NF00	15	PCTFE
1/4"	1/8	0.31	0	365	125	165	7121KBN2NF00	15	PCTFE
	1/8	0.31	0	145	125	185	7121KBN2NV00	15	FKM
	5/32	0.52	0	120	60	185	7121KBN2QV00	15	FKM
	13/64	0.76	0	80	30	185	7121KBN2SV00	16	FKM
	1/4	0.76	5	300	300	185	73212BN2MN00	23	NBR
	1/4	0.76	5	300	300	185	73212BN2MV00	23	FKM
3/8"	7/16	2	3	150	60	185	7321KBN2RN00	23	NBR
	1/4	0.83	0	55	20	185	7121KBN3UV00	15	FKM
	7/16	2.5	3	150	60	185	7321KBN3SN00	23	NBR
	1/2	2.4	5	300	300	185	73212BN3SN00	23	NBR
	5/8	3	0	100	-	185	72218BN3TN00	21	NBR
	5/8	3	5	150	150	185	73218BN3TN00	23	NBR
1/2"	7/16	2.5	3	150	60	185	7321KBN4SN00	23	NBR
	1/2	2.8	5	300	300	185	73212BN4TN00	23	NBR
	19/32	4.4	0	230	-	185	7221GBN4VN00	21	NBR
	5/8	4	0	100	-	185	72218BN4UN00	21	NBR
	5/8	4	5	150	150	185	73218BN4UN00	23	NBR
3/4"	19/32	5.5	0	230	-	185	7221GBN51N00	21	NBR
	3/4	5	0	100	-	185	72218BN5VN00	21	NBR
	3/4	5	5	150	150	185	73218BN5VN00	23	NBR
	3/4	7.3	5	300	300	185	73212BN52N00	23	NBR
	3/4	9.6	5	230	230	185	7321GBN53N00	23	NBR
1"	1	11	5	300	300	185	73212BN63N00	23	NBR
	1	11.7	0	230	-	185	7221GBN64N00	21	NBR
	1	12.5	5	230	230	185	7321GBN64N00	23	NBR
	1-1/16	13.5	5	125	125	185	73218BN64N00	23	NBR
1-1/2"	1-1/4	22.5	5	125	125	185	7321BN87N00	23	NBR
2"	1-9/16	38.6	5	230	200	185	7321GBN99N00	23	NBR

SKINNER 7000 SERIES, HOT WATER AND STEAM (*2)

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)		Max.(*1) Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material	
			Min.(*)	Maximum					
				AC Rating 10 watt					DC Rating 10 watt
1/2"	5/8	4	0	100	-	210	72218BN4UE00	29	EPDM
	5/8	4	0	50	-	297	72218BN4UES0	29	EPDM
	5/8	4	3	125	-	353	73218BN4UTS0	30	PTFE
3/4"	5/8	4.5	3	125	-	353	73218BN5VTS0	30	PTFE
	3/4	5	0	100	-	210	72218BN5VE00	29	EPDM
	3/4	5	0	50	-	297	72218BN5VES0	29	EPDM

SKINNER 7000 SERIES, HIGH PRESSURE

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)		Max.(*1) Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material	
			Min.(*)	Maximum					
				AC Rating 10 watt					DC Rating 10 watt
1/4"	1/4	0.76	5	1500	800	210	73216BN2MT00	35	PTFE

(*) Direct lift valves (72xxx valves) will open at zero differential pressure, however, full flow through the valve will not be achieved. If full flow is required at near zero differential pressure, consult Skinner Valve.

(*1) Maximum fluid temperatures are provided for Class F coils. Valves with FKM seals (letter "V" in 10th position of the pressure vessel number) can be used at fluid temperatures up to 240° F on DC, and 250° F on AC provided Class H coil is used.

(*2) Class H coils are required on all steam valves which are identified by the letters "TSO" in the last three digits of the pressure vessel number. Class F coils can be used on all other valves.

SKINNER 7000 SERIES, TIMER DRAIN

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)			Max.(*) Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material
			Min.(*)	Maximum					
				AC Rating 10 watt	DC Rating 10 watt				
1/4"	7/16	1.75	3	300	45	210	7321KBY61640	25	FKM

SKINNER 3000 SERIES

Pipe Size NPT	Orifice Body (inch)	Orifice Sleeve (inch)	Body Cv	Sleeve Cv	Maximum Pressure Rating 6 Watts	Max. Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material
1/8"	1/16	-	0.09	-	300	120	3121BBN1GN00	41	NBR
	3/32	-	0.18	-	175	120	3121BBN1LN00	41	NBR
	1/8	-	0.24	-	100	120	3121BBN1NN00	41	NBR

SKINNER C SERIES

Pipe Size NPT	Orifice		Cv		Operating Pressure Differential (PSI)		Max. Fluid Temp. (F)	Catalog Number	Catalog Page No.	Seal Material	Voltage	Watts	Type of Termination
	Body (inch)	Sleeve (inch)	Body	Sleeve	Min	Max							
1/8"	1/16	-	0.1	-	0	250	180	C2DA1251DC23AD	45	NBR	24VDC	8	Grommet housing, 18" leads
	7/64	-	0.25	-	0	130	180	C2DA1132AB64AD	45	NBR	120/60	8	Grommet housing, 18" leads
	7/64	-	0.25	-	0	130	180	C2DB1132AB64AD	45	NBR	120/60	8	1/2" NPT conduit, 18" leads
	7/64	-	0.25	-	0	130	180	C2LB1132AB61AJ	45	NBR	120/60	8	1/2" NPT conduit, 18" leads
	7/64	-	0.25	-	0	80	180	C2DA1081DC23AD	45	NBR	24VDC	8	Grommet housing, 18" leads
	1/8	-	0.31	-	0	90	180	C2DB1092AB64AD	45	NBR	120/60	8	Grommet housing, 18" leads
	1/8	-	0.31	-	0	90	180	C2DA1092AB64AD	45	NBR	120/60	8	1/2" NPT conduit, 18" leads
	5/32	-	0.39	-	0	30	180	C2DA1031DC11AD	45	NBR	12VDC	8	Grommet housing, 18" leads
	5/32	-	0.39	-	0	30	180	C2DA1031DC23AD	45	NBR	24VDC	8	Grommet housing, 18" leads
	5/32	-	0.39	-	0	60	180	C2DA1062AB64AD	45	NBR	120/60	8	Grommet housing, 18" leads

STAINLESS STEEL VALVES-NORMALLY CLOSED

SKINNER 7000 SERIES, GENERAL PURPOSE

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)			Max.(*) Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material
			Min.(*)	Maximum					
				AC Rating 10 watt	DC Rating 10 watt				
1/8"	3/32	0.18	0	275	275	185	71215SN1KN00	16	NBR
	1/8	0.28	0	200	150	185	71215SN1MN00	16	NBR
	3/16	0.5	0	80	25	185	71215SN1SN00	16	NBR
1/4"	3/64	0.06	0	450	450	185	71215SN2EN00	16	NBR
	1/16	0.1	0	350	350	185	71215SN2GN00	16	NBR
	3/32	0.18	0	275	275	185	71215SN2KN00	16	NBR
	1/8	0.28	0	200	100	185	71215SN2MF00	16	PCTFE
	1/8	0.28	0	200	150	185	71215SN2MN00	16	NBR
	1/8	0.28	0	200	150	185	71215SN2MV00	16	FKM
	5/32	0.4	0	110	60	185	71215SN2QN00	16	NBR
	5/32	0.4	0	110	60	185	71215SN2QV00	16	FKM
	3/16	0.5	0	80	25	185	71215SN2SN00	16	NBR
	3/16	0.5	0	80	25	185	71215SN2SV00	16	FKM
	1/4	0.75	0	40	10	185	71215SN2VN00	16	NBR
	5/16	1.1	0	20	3	185	71215SN21N00	16	NBR
3/8"	3/8	2	0	6	-	185	71215SN33N00	16	NBR
	3/8	2	0	5-11	-	185	71215SN33NHP	16	NBR

(*) Direct lift valves (72xxx valves) will open at zero differential pressure, however, full flow through the valve will not be achieved. If full flow is required at near zero differential pressure, consult Skinner Valve.

(*) Maximum fluid temperatures are provided for Class F coils. Valves with FKM seals (letter "V" in 10th position of the pressure vessel number) can be used at fluid temperatures up to 240° F on DC, and 250° F on AC provided Class H coil is used.

SKINNER 7000 SERIES, HIGH PRESSURE, NYLON, RULON OR TEFLON SEALS

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)			Max. (*1) Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material
			Min. (*)	Maximum					
				AC Rating 10 watt	DC Rating 10 watt				
1/8"	1/16	0.07	0	1250	500	185	71216SN1GL00	34	Nylon
1/4"	1/32	0.021	0	3000	2500	185	71216SN2BL00	34	Nylon
	3/64	0.037	0	1500	100	185	71216SN2FU00	34	PTFE

SKINNER B SERIES

Pipe Size NPT	Orifice		Cv		Operating Pressure Differential (PSI)		Max. Fluid Temp. (F)	Catalog Number	Catalog Page No.	Seal Material	Voltage	Watts	Type of Termination
	Body (inch)	Sleeve (inch)	Body	Sleeve	Min	Max							
	1/16	-	0.065	-	0	175	180	B2DA1175DC2AC2	43	NBR	24VDC	7	Grommet housing, 18" leads
	1/8	-	0.24	-	0	25	180	B2DA1026DC2AC2	43	NBR	24VDC	7	Grommet housing, 18" leads
	1/8	-	0.24	-	0	50	180	B2DA1052AB6AC7	43	NBR	120/60	7	Grommet housing, 18" leads

BRASS VALVES-NORMALLY OPEN

SKINNER 7000 SERIES, GENERAL PURPOSE

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)			Max. (*1) Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material
			Min. (*)	Maximum					
				AC Rating 10 watt	DC Rating 10 watt				
1/4"	1/4	0.76	5	200	200	185	73222BN2MN00	26	NBR
1/2"	5/8	4	5	150	150	185	73228BN4UN00	26	NBR
	5/8	4	0	125*	125*	185	72228BN4UV00	22	FKM

STAINLESS STEEL VALVES-NORMALLY OPEN

SKINNER 7000 SERIES, GENERAL PURPOSE

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)			Max. (*1) Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material
			Min. (*)	Maximum					
				AC Rating 10 watt	DC Rating 10 watt				
1/8"	3/32	0.15	0	250	250	185	71295SN1KNJ1	19	NBR
1/4"	3/32	0.15	0	250	250	185	71295SN2KNJ1	19	NBR

SKINNER B SERIES

Pipe Size NPT	Orifice		Cv		Operating Pressure Differential (PSI)		Max. Fluid Temp. (F)	Catalog Number	Catalog Page No.	Seal Material	Voltage	Watts	Type of Termination
	Body (inch)	Sleeve (inch)	Body	Sleeve	Min	Max							
	-	3/32	-	0.13	0	40	180	B11DK1040DC2AC2	43	NBR	24VDC	7	Grommet housing, 18" leads

(*) Direct lift valves (72xxx valves) will open at zero differential pressure, however, full flow through the valve will not be achieved. If full flow is required at near zero differential pressure, consult Skinner Valve.

(*1) Maximum fluid temperatures are provided for Class F coils. Valves with FKM seals (letter "V" in 10th position of the pressure vessel number) can be used at fluid temperatures up to 240° F on DC, and 250° F on AC provided Class H coil is used.

SKINNER SNAP Three-Way Solenoid Valves

BRASS VALVES-NORMALLY CLOSED

SKINNER 7000 SERIES, GENERAL PURPOSE

Pipe Size NPT	Orifice Body NC (inch)	Orifice Body NO (inch)	Orifice Sleeve Size (inch)	Cv Factor NC	Cv Factor NO	Operating Pressure Differential (PSI)			Max.(*) Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material
						Min.(*)	Maximum					
							AC Rating 10 watt	DC Rating 10 watt				
1/4"	5/64	-	3/32	0.17	0.24	0	150	150	185	7131KBN2JV00	50	FKM
	5/64	1/8	-	0.17	0.34	0	150	150	185	7131TBN2JV00	50	FKM
	3/32	9/64	-	0.24	0.38	0	110	110	185	7131TBN2LV00	50	FKM
1/2"	1/2	1/2	-	3.6	3.6	10	180	180	185	73312BN4UNJ0	57	NBR

SKINNER 3000 SERIES

Pipe Size NPT	Orifice Body (inch)	Orifice Sleeve (inch)	Body Cv	Sleeve Cv	Maximum Pressure Rating 6 Watts	Max. Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material
1/8"	3/64	3/64	0.05	0.05	150	120	3131BBN1EN00	69	NBR
	1/16	1/16	0.09	0.09	100	120	3131BBN1GN00	69	NBR
	1/8	1/16	0.24	0.09	40	120	3131BBN1NN00	69	NBR

SKINNER C SERIES

Pipe Size NPT	Orifice		Cv		Operating Pressure Differential (PSI)		Max. Fluid Temp. (F)	Catalog Number	Catalog Page No.	Seal Material	Voltage	Watts	Type of Termination
	Body (inch)	Sleeve (inch)	Body	Sleeve	Min	Max							
1/8"	3/64	1/16	0.05	0.09	0	175	180	C3DK1175DC11AD	74	FKM	12VDC	7.5	Grommet housing, 18" leads
	3/64	1/16	0.05	0.09	0	175	180	C3ADK1175DC11AD	74	FKM	12VDC	7.5	Grommet housing, 18" leads
	1/16	1/16	0.09	0.09	0	125	180	C3ADK1125DC11AD	74	FKM	12VDC	7.5	Grommet housing, 18" leads
	3/64	1/16	0.05	0.09	0	175	180	C3DK1175DC23AD	74	FKM	24VDC	7.5	Grommet housing, 18" leads

STAINLESS STEEL VALVES-NORMALLY CLOSED

SKINNER 7000 SERIES, GENERAL PURPOSE

Pipe Size NPT	Orifice Body NC (inch)	Orifice Body NO (inch)	Orifice Sleeve Size (inch)	Cv Factor NC	Cv Factor NO	Operating Pressure Differential (PSI)			Max.(*) Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material
						Min.	Maximum					
							AC Rating 10 watt	DC Rating 10 watt				
1/8"	1/16	-	1/16	0.11	0.1	0	200	200	185	71315SN1GN00	51	NBR
	1/16	-	1/16	0.11	0.1	0	200	200	185	71315SN1GNJ1	51	NBR
	3/32	-	3/32	0.17	0.17	0	125	125	185	71315SN1KN00	51	NBR
	3/32	-	3/32	0.17	0.17	0	125	125	185	71315SN1KNJ1	51	NBR
1/4"	3/64	-	1/16	0.06	0.1	0	250	250	185	71315SN2EN00	51	NBR
	3/64	-	1/16	0.06	0.1	0	250	250	185	71315SN2ENJ1	51	NBR
	1/16	-	1/16	0.11	0.1	0	200	200	185	71315SN2GN00	51	NBR
	1/16	-	1/16	0.11	0.1	0	200	200	185	71315SN2GNJ1	51	NBR
	1/16	-	1/16	0.11	0.1	0	200	200	185	71315SN2GV00	51	FKM
	1/16	-	1/16	0.11	0.1	0	200	200	185	71315SN2GVJ1	51	FKM
	3/32	-	3/32	0.17	0.17	0	125	125	185	71315SN2KN00	51	NBR
	3/32	-	3/32	0.17	0.17	0	125	125	185	71315SN2KNJ1	51	NBR
	1/8	-	3/32	0.23	0.17	0	90	90	185	71315SN2MN00	51	NBR
	1/8	-	3/32	0.23	0.17	0	90	90	185	71315SN2MNJ1	51	NBR
	3/16	-	3/32	0.38	0.17	0	25	25	185	71315SN2SN00	51	NBR
	3/16	-	3/32	0.38	0.17	0	25	25	185	71315SN2SNJ1	51	NBR
	1/4	-	3/32	0.67	0.17	vacuum	-	-	185	71315SN2VNU1	51	NBR

(*) Direct lift valves (72xxx valves) will open at zero differential pressure, however, full flow through the valve will not be achieved. If full flow is required at near zero differential pressure, consult Skinner Valve.

(*) Maximum fluid temperatures are provided for Class F coils. Valves with FKM seals (letter "V" in 10th position of the pressure vessel number) can be used at fluid temperatures up to 240° F on DC, and 250° F on AC provided Class H coil is used.



SKINNER 7000 SERIES, HYDRAULIC

Pipe Size NPT	Orifice Body NC (inch)	Orifice Body NO (inch)	Orifice Sleeve Size (inch)	Cv Factor NC	Cv Factor NO	Operating Pressure Differential (PSI)			Max.(*) Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material
						Min.	Maximum					
							AC Rating 10 watt	DC Rating 10 watt				
1/8"	7/64	7/64	-	0.21	0.21	0	1000	1000	185	71331SN1MM00	94	Metal

SKINNER B SERIES

Pipe Size NPT	Orifice		Cv		Operating Pressure Differential (PSI)		Max. Fluid Temp. (F)	Catalog Number	Catalog Page No.	Seal Material	Voltage	Watts	Type of Termination
	Body (inch)	Sleeve (inch)	Body	Sleeve	Min	Max							
1/8"	3/64	3/64	0.048	0.052	0	150	180	B13DK1150AB6AC7	72	FKM	120/160	7	Grommet housing, 18" leads
	3/64	3/64	0.048	0.052	0	150	180	B13DK1150DC2AC2	72	FKM	24VDC	7	Grommet housing, 18" leads
	1/16	3/64	0.085	0.052	0	100	180	B13DK1100AB6AC7	72	FKM	12VDC	7	Grommet housing, 18" leads

BRASS VALVES-NORMALLY OPEN

SKINNER C SERIES

Pipe Size NPT	Orifice		Cv		Operating Pressure Differential (PSI)		Max. Fluid Temp. (F)	Catalog Number	Catalog Page No.	Seal Material	Voltage	Watts	Type of Termination
	Body (inch)	Sleeve (inch)	Body	Sleeve	Min	Max							
1/8"	1/16	3/64	0.09	0.05	0	175	180	C5DK1175DC11AD	74	FKM	12VDC	7.5	Grommet housing, 18" leads
	1/16	3/64	0.09	0.05	0	175	180	C5DK1175DC23AD	74	FKM	24VDC	7.5	Grommet housing, 18" leads

STAINLESS STEEL VALVES-NORMALLY OPEN

SKINNER 7000 SERIES, GENERAL PURPOSE

Pipe Size NPT	Orifice Body NC (inch)	Orifice Body NO (inch)	Orifice Sleeve Size (inch)	Cv Factor NC	Cv Factor NO	Operating Pressure Differential (PSI)			Max.(*) Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material
						Min.	Maximum					
							AC Rating 10 watt	DC Rating 10 watt				
1/4"	1/16	-	3/64	0.1	0.05	0	250	250	185	71395SN2ENJ1	53	NBR
	1/8	-	1/16	0.28	0.1	0	150	150	185	71395SN1GNJ1	53	NBR
	1/8	-	3/32	0.28	0.17	0	125	125	185	71395SN2KNJ1	53	NBR
	1/8	-	3/32	0.28	0.17	0	125	125	185	71395SN2KVJ1	53	FKM

SKINNER B SERIES

Pipe Size NPT	Orifice		Cv		Operating Pressure Differential (PSI)		Max. Fluid Temp. (F)	Catalog Number	Catalog Page No.	Seal Material	Voltage	Watts	Type of Termination
	Body (inch)	Sleeve (inch)	Body	Sleeve	Min	Max							
1/8"	3/64	3/64	0.048	0.052	0	150	180	B15DK1150AB6AC7	-	FKM	120/60	7	Grommet housing, 18" leads

BRASS VALVES-MULTI PURPOSE

SKINNER 7000 SERIES

Pipe Size NPT	Orifice Body NC (inch)	Orifice Body NO (inch)	Orifice Sleeve Size (inch)	Cv Factor NC	Cv Factor NO	Operating Pressure Differential (PSI)			Max.(*) Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material
						Min.	Maximum					
							AC Rating 10 watt	DC Rating 10 watt				
1/4"	5/64	5/64	-	0.17	0.17	0	100	100	185	7133TBN2JV00	54	FKM

(*1) Maximum fluid temperatures are provided for Class F coils. Valves with FKM seals (letter "V" in 10th position of the pressure vessel number) can be used at fluid temperatures up to 240° F on DC, and 250° F on AC provided Class H coil is used.

SKINNER C SERIES

Pipe Size NPT	Orifice		Cv		Operating Pressure Differential (PSI)		Max. Fluid Temp. (F)	Catalog Number	Catalog Page No.	Seal Material	Voltage	Watts	Type of Termination
	Body (inch)	Sleeve (inch)	Body	Sleeve	Min	Max							
	1/8"	3/64	3/64	0.05	0.05	0	150	180	C4LM1150AB61AJ	74	FKM	120/60	7.5

STAINLESS STEEL VALVES-MULTI PURPOSE

SKINNER 7000 SERIES

Pipe Size NPT	Orifice Body NC (inch)	Orifice Body NO (inch)	Orifice Sleeve Size (inch)	Cv Factor NC	Cv Factor NO	Operating Pressure Differential (PSI)			Max. Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material
						Min.	Maximum					
							AC Rating 10 watt	DC Rating 10 watt				
1/4"	1/32	-	1/32	0.02	0.02	0	400	400	185	71335SN2ANJ1	56	NBR
	3/64	-	3/64	0.05	0.05	0	180	180	185	71335SN2ENJ1	56	NBR
	1/16	-	1/16	0.1	0.1	0	115	115	185	71335SN2GNJ1	56	NBR
	3/32	-	3/32	0.17	0.17	0	80	80	185	71335SN2KNJ1	56	NBR

SKINNER B SERIES

Pipe Size NPT	Orifice		Cv		Operating Pressure Differential (PSI)		Max. Fluid Temp. (F)	Catalog Number	Catalog Page No.	Seal Material	Voltage	Watts	Type of Termination
	Body (inch)	Sleeve (inch)	Body	Sleeve	Min	Max							
	1/8"	1/16	3/64	0.085	0.052	0	75	180	B14DK1075AB6AC7	72	FKM	120/60	7
1/16		3/64	0.085	0.052	0	75	180	B14DK1075DC2AC2	72	FKM	24VDC	7	Grommet housing, 18" leads

STAINLESS STEEL VALVES-DIRECTIONAL CONTROL

SKINNER B SERIES

Pipe Size NPT	Orifice		Cv		Operating Pressure Differential (PSI)		Max. Fluid Temp. (F)	Catalog Number	Catalog Page No.	Seal Material	Voltage	Watts	Type of Termination
	Body (inch)	Sleeve (inch)	Body	Sleeve	Min	Max							
	1/8"	1/16	3/64	0.085	0.052	0	175	180	B16DK1175DC2AC2	72	NBR	24VDC	7

SKINNER SNAP Four-Way Solenoid Valves

ALUMINUM VALVES-SOLENOID OPERATION

SKINNER 7000 SERIES

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)			Max. Fluid Temp. (F)	Pressure Vessel Number	Catalog Page No.	Seal Material
			Min.	Maximum					
				AC Rating 10 watt	DC Rating 10 watt				
1/4"	1/4	1	15	150	150	165	73419AN2NN00	80	NBR
	1/4	1	15	150	150	165	73419AN2NNM0	80	NBR

(*1) Maximum fluid temperatures are provided for Class F coils. Valves with FKM seals (letter "V" in 10th position of the pressure vessel number) can be used at fluid temperatures up to 240° F on DC, and 250° F on AC provided Class H coil is used.

SKINNER 7000 and 3000 Series Coils

SKINNER 7000 SERIES INTEGRATED COILS

Coil Code	Type of Termination	Voltage	Watts	Description
AC Coils-Ordinary Location				
C111B2	1/2" conduit	24/60	10	Class F molded, NEMA 1, 2, 3, 3S, 4, 4X, 18" leads
C111P3	1/2" conduit	110/50, 120/60	10	Class F molded, NEMA 1, 2, 3, 3S, 4, 4X, 18" leads
C111Q3	1/2" conduit	220/50, 240/60	10	Class F molded, NEMA 1, 2, 3, 3S, 4, 4X, 18" leads
C222P3	1/2" conduit	110/50, 120/60	10	Class H molded, NEMA 1, 2, 3, 3S, 4, 4X, 18" leads
D100B2	DIN	24/60	10	Class F molded
D100P3	DIN	110/50, 120/60	10	Class F molded
L111B2	18" leads	24/60	10	Class F molded, internal yoke
L111P3	18" leads	110/50, 120/60	10	Class F molded, internal yoke
L111Q3	18" leads	220/50, 240/60	10	Class F molded, internal yoke
AC Coils-Hazardous Location				
H111P3	1/2" conduit	110/50, 120/60	10	Class F molded, NEMA 3, 3S, 4, 4X, 7, 9, 18" leads
H111Q3	1/2" conduit	220/50, 240/60	10	Class F molded, NEMA 3, 3S, 4, 4X, 7, 9, 18" leads
DC Coils-Ordinary Location				
C111C1	1/2" conduit	12VDC	10	Class F molded, NEMA 1, 2, 3, 3S, 4, 4X, 18" leads
C111C2	1/2" conduit	24VDC	10	Class F molded, NEMA 1, 2, 3, 3S, 4, 4X, 18" leads
C222C1	1/2" conduit	12VDC	10	Class H molded, NEMA 1, 2, 3, 3S, 4, 4X, 18" leads
C222C2	1/2" conduit	24VDC	10	Class H molded, NEMA 1, 2, 3, 3S, 4, 4X, 18" leads
D100C1	DIN	12VDC	10	Class F molded
D100C2	DIN	24VDC	10	Class F molded
L111C1	leads	12VDC	10	Class F molded, internal yoke
L111C2	leads	24VDC	10	Class F molded, internal yoke
DC Coils-Hazardous Location				
H111C1	1/2" conduit	12VDC	10	Class F molded, NEMA 3, 3S, 4, 4X, 7, 9, 18" leads
H111C2	1/2" conduit	24VDC	10	Class F molded, NEMA 3, 3S, 4, 4X, 7, 9, 18" leads

SKINNER 3000 SERIES INTEGRATED COILS

Coil Code	Termination	Voltage	Watts	Description
AC Coils				
NOM1S1P3	1/4" tab	110/50, 120/60	6	Integrated Class B, no enclosure
NOMC11P3	18" leads	110/50, 120/60	6	Integrated Class F, 1/2" conduit, NEMA 4X
RRT1J1P3	12" leads	110/50, 120/60	6	Taped Class B, grommet housing
DC Coils				
NOM1S1C1	1/4" tab	12VDC	6	Integrated Class B, no enclosure
NOM1S1C2	1/4" tab	24VDC	6	Integrated Class B, no enclosure
NOMC11C2	18" leads	24VDC	6	Integrated Class F, 1/2" conduit, NEMA 4X
RRT1J1C1	12" leads	12VDC	6	Taped Class B, grommet housing
RRT1J1C2	12" leads	24VDC	6	Taped Class B, grommet housing

SKINNER VALVE Actuation Series Solenoid Valves

SKINNER 7300 LINE THREE-WAY PIPE MOUNT BRASS VALVES

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)				Pressure Vessel Catalog Number	Valve Actuation Catalog Page No.			
			Min.	Maximum		1.5 watt			10 watt		
				AC Rating						DC Rating	
				1.5 watt	10 watt					1.5 watt	10 watt
1/4"	1/4"	1.2	30	150	150	150	150	73317BN2PN00	10		
	1/4"	1.2	30	150	150	150	150	73317BN2PN7F	10		

SKINNER 7300 LINE FOUR-WAY PIPE MOUNT BRASS VALVES

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)				Pressure Vessel Catalog Number	Valve Actuation Catalog Page No.			
			Min.	Maximum		1.5 watt			10 watt		
				AC Rating						DC Rating	
				1.5 watt	10 watt					1.5 watt	10 watt
1/4"	1/4"	1.2	30	150	150	150	150	73417BN2PN00	15		

SKINNER 7300 LINE FOUR-WAY DIRECT MOUNT (NAMUR) BRASS VALVES

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)				Pressure Vessel Catalog Number	
			Min.	Maximum				
				AC Rating		DC Rating		
				1.5 watt	10 watt	1.5 watt		10 watt
1/4"	1/4	1.2	30	150	150	150	150	73417BKEPN00

SKINNER 7300 LINE FOUR-WAY DIRECT MOUNT (NAMUR) ALUMINUM VALVES

Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)				Pressure Vessel Catalog Number	Valve Actuation Catalog Page No.	
			Min.	Maximum					
				AC Rating		DC Rating			
				1.5 watt	10 watt	1.5 watt			10 watt
1/4"	11/64	0.55	30	150	150	150	150	73417ADKN00	25
	11/64	0.55	30	150	150	150	150	73417ADKN7A	22

SKINNER 2341 LINE FOUR-WAY DIRECT MOUNT (NAMUR) ALUMINUM VALVES

Inlet Pipe Size NPT	Exh. Pipe Size NPT	Orifice Size (inch)	Cv Factor	Operating Pressure Differential (PSI)				Max. Ambiant Temp. (F)	Max. Fluid Temp. (F)	Pressure Vessel Catalog Page No.	2340 Namur Mount Catalog Page	
				Min.	Maximum							
					AC Rating		DC Rating					
					3 watt	3 watt	3 watt					3 watt
1/4"	1/8	5/32	0.35	30	150	150	165	165	2341NAKDHNM1	1		

SKINNER 7300 LINE INTEGRATED COILS

Coil Code	Type of Termination	Voltage	Watts	Description
AC Coils-Ordinary Location				
C611P3	1/2" conduit	110/50, 120/60	1.5	Class F molded, NEMA 1, 2, 3, 3S, 4, 4X, 18" leads
AC Coils-Hazardous Location				
H611P3	1/2" conduit	110/50, 120/60	1.5	Class F molded, NEMA 3, 3S, 4, 4X, 7, 9, 18" leads
DC Coils-Ordinary Location				
C611C2	1/2" conduit	24VDC	1.5	Class F molded, NEMA 1, 2, 3, 3S, 4, 4X, 18" leads
DC Coils-Hazardous Location				
H611C2	1/2" conduit	24VDC	1.5	Class F molded, NEMA 3, 3S, 4, 4X, 7, 9, 18" leads

See Skinner 7000 Series integrated coil section for standard 10 watt coil offering.

SKINNER 2341 LINE INTEGRATED COILS

Coil Code	Type of Termination	Voltage	Watts	Description
AC Coils-Ordinary Location				
AICA22P3	1/2" conduit	110/50, 120/60	3	Class H molded, NEMA 1, 2, 3, 3S, 4, 4X, 18" leads
DC Coils-Ordinary Location				
AICA22C2	1/2" conduit	24VDC	3	Class H molded, NEMA 1, 2, 3, 3S, 4, 4X, 18" leads



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