

3-Way Direct Acting - Universal - Stainless Steel

Port Size NPT	Orifice Size In.		Flow Factor Cv		Operating Pressure Differential (MOPD) PSI				Watt	Max. Media Temp. °F	Seal	Pressure Vessel Number	Reference	
	N.C.	N.O.	N.C.	N.O.	Min.	Air, Inert Gas	Water	Light Oil					Coil	Valve

AC TECHNICAL SPECIFICATIONS

1/8	3/64	3/64	0.052	0.052	0	180	180	180	10	185	NBR	71335SN1ENJ1	7	B3
1/8	1/16	1/16	0.090	0.090	0	100	100	100	10.2	180	NBR	02F30U3104ABF	2	B8
1/8	1/16	1/16	0.095	0.095	0	115	115	115	10	185	NBR	71335SN1GNJ1	7	B3
1/8	3/32	3/32	0.170	0.170	0	80	80	80	10	185	NBR	71335SN1KNJ1	7	B3
1/8	1/8	1/8	0.210	0.210	0	30	30	30	10.2	180	NBR	02F30U3108ABF	2	B8

1/4	1/32	1/32	0.024	0.024	0	400	400	400	10	185	NBR	71335SN2ANJ1	7	B3
1/4	3/64	3/64	0.052	0.052	0	180	180	180	10	185	NBR	71335SN2ENJ1	7	B3
1/4	1/16	1/16	0.090	0.090	0	100	100	100	10.2	180	NBR	04F30U3104ABF	2	B14
1/4	1/16	1/16	0.095	0.095	0	115	115	115	10	185	NBR	71335SN2GNJ1	7	B3
1/4	1/16	1/16	0.095	0.095	0	150	150	150	10	185	FKM	7133TVN2GV00	7	B2
1/4	3/32	3/32	0.120	0.120	0	100	100	100	16	200	NBR	04F30U3106ADF	5	B15
1/4	3/32	3/32	0.170	0.170	0	80	80	80	10	185	NBR	71335SN2KNJ1	7	B3
1/4	5/64	5/64	0.180	0.180	0	100	100	100	10	185	FKM	7133TVN2JV00	7	B2
1/4	1/8	1/8	0.250	0.250	0	50	50	50	16	200	NBR	04F30U3108ADF	5	B15
1/4	1/8	1/8	0.320	0.320	0	30	30	30	10	185	FKM	7133TVN2NV00	7	B2

DC TECHNICAL SPECIFICATIONS

1/8	3/64	3/64	0.052	0.052	0	180	180	180	10	185	NBR	71335SN1ENJ1	7	B3
1/8	1/16	1/16	0.090	0.090	0	65	65	65	9.5	120	NBR	02F30U3104A1F	3	B8
1/8	1/16	1/16	0.095	0.095	0	115	115	115	10	185	NBR	71335SN1GNJ1	7	B3
1/8	3/32	3/32	0.170	0.170	0	80	80	80	10	185	NBR	71335SN1KNJ1	7	B3
1/8	1/8	1/8	0.210	0.210	0	25	25	25	9.5	120	NBR	02F30U3108A1F	3	B8

1/4	1/32	1/32	0.024	0.024	0	400	400	400	10	185	NBR	71335SN2ANJ1	7	B3
1/4	3/64	3/64	0.052	0.052	0	180	180	180	10	185	NBR	71335SN2ENJ1	7	B3
1/4	1/16	1/16	0.090	0.090	0	65	65	65	9.5	120	NBR	04F30U3104A1F	3	B14
1/4	1/16	1/16	0.095	0.095	0	150	150	150	10	185	FKM	7133TVN2GV00	7	B2
1/4	1/16	1/16	0.095	0.095	0	115	115	115	10	185	NBR	71335SN2GNJ1	7	B3
1/4	3/32	3/32	0.120	0.120	0	60	60	60	11.5	150	NBR	04F30U3106A3F	6	B15
1/4	3/32	3/32	0.170	0.170	0	80	80	80	10	185	NBR	71335SN2KNJ1	7	B3
1/4	5/64	5/64	0.180	0.180	0	100	100	100	10	185	FKM	7133TVN2JV00	7	B2
1/4	1/8	1/8	0.250	0.250	0	25	25	25	11.5	150	NBR	04F30U3108A3F	6	B15
1/4	1/8	1/8	0.320	0.320	0	30	30	30	10	185	FKM	7133TVN2NV00	7	B2

Wiring Circuits

Leads/Wires	Description
2	For use with standard duty DC power source

Pulse DC Operation

Minimum pulse for Latching is 10 milliseconds.
Minimum pulse for Releasing is 25 milliseconds.

Pulse Coils - Current Draw

Latch	Release
12v DC Latch 2.10 amps.	Release 1.95 amps.

Maximum "ON" time is 5 minutes with minimum "OFF" time 40 minutes. If the "ON" time is of a shorter duration, the "OFF" time would be shorter proportionally.

2-Way Direct Acting Normally Closed Stainless Steel

Port Size NPT	Orifice Size in.		Cv Flow Factor		Operating Pressure		Max. Fluid Temp. °F		DC					
						Air, Inert Gas								
	IN	Exhaust	IN	Exhaust	Min.									
1/8	3/64	N/A	0.06	N/A	0	450	185	NBR	18	24VDC	2	Grommet	71215SN1ENP6M2J011C2	

3-Way Direct Acting Normally Closed Stainless Steel

Port Size NPT	Orifice Size in.		Cv Flow Factor		Operating Pressure (PSI)		Max. Fluid Temp. °F	Seal	DC Watt	Voltage	Wire	Enclosure	Pressure Vessel Number
	IN	Exhaust	IN	Exhaust	Min.	Air, Inert Gas, Water, Light Oil							
1/8	3/64	1/16	0.06	0.09	0	250	185	FKM	18	24VDC	2	Grommet	71315SN1EVJ1M2J011C2

1/4	3/64	1/16	0.06	0.09	0	250	185	NBR	18	12VDC	2	½" Conduit	71315SN2ENJ1M1J011C1
1/4	1/16	1/16	0.11	0.09	0	200	185	NBR	18	12VDC	2	½" Conduit	71315SN2GNJ1M1J011C1
1/4	3/32	3/32	0.17	0.17	0	125	185	NBR	18	12VDC	2	½" Conduit	71315SN2KNM5M1J011C1*
1/4	3/64	1/16	0.06	0.09	0	235	77	FKM	15	24VDC	3	Hazardous	X5RBM66890DC2A4K
1/4	1/16	1/16	0.11	0.09	0	100	77	NBR	16	12VDC	2	Hazardous	X53RBM2100DC1A9J
1/4	1/16	1/16	0.11	0.09	0	100	77	NBR	16	24VDC	2	Hazardous	X53RBM2100DC2A0K
1/4	1/8	3/32	0.23	0.17	0	50	77	NBR	16	12VDC	3	Hazardous	X5RBM64640DC1A3K

* Valve includes manual override as a standard feature

3-Way Direct Acting Universal Stainless Steel

Port Size NPT	Orifice Size in.		Cv Flow Factor		Operating Pressure		Max. Fluid Temp. °F	Seal	DC Watt	Voltage	Wire	Enclosure	Pressure Vessel Number
	N.C.	N.O.	N.C.	N.O.	Min.	Air, Inert Gas							
1/4	1/16	1/16	0.10	0.10	0	125	77	NBR	15	12VDC	3	Hazardous	X5RBM55740DC1A3K
1/4	1/16	1/16	0.10	0.10	0	125	77	NBR	15	24VDC	3	Hazardous	X5RBM55740DC2A4K
1/4	1/16	1/16	0.10	0.10	0	115	185	NBR	18	12VDC	3	½" Conduit	71335SN2GNJ1M1G011C1
1/4	3/32	3/32	0.17	0.17	0	80	185	NBR	18	12VDC	2	½" Conduit	71335SN2KNJ1M1J011C1

