

SPEED CONTROLLERS

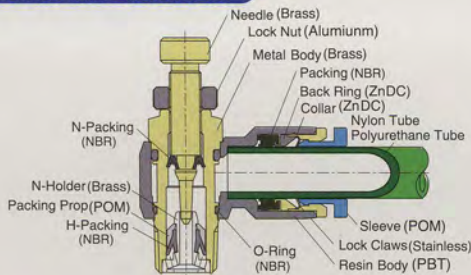
FEATURES

- Speed Controllers precisely permit the optimal rate of airflow for the smooth cylinder movement of a driving device.
- The compact design provides a comparable range of speed as the larger standard speed controllers do.
- Compact and light body is suitable for pneumatic applications where space is at a minimum.
- Unidirectional airflow is available for either exhaust or inlet flow control methods.

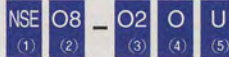
SPECIFICATIONS

Compatible Fluid type	Air(No other gases or liquids)	
Operating Pressure Range	0~150PSI	0~9Kg _f /cm ² (0~900kPa)
Check valve operating pressure	7.5PSI	0.5Kg _f /cm ² (50kPa)
Operating Temperature Range	32~140°F	0~60°C
Recommended Tube Material	Polyurethane and Nylon	

STRUCTURAL DIAGRAM



PRODUCTS CODE SYSTEM



- Model Type
- Tube Outer Dia (∅D)

	Metric Size						Inch Size						
Code	03	04	06	08	10	12	1/8	5/32	3/16	1/4	5/16	3/8	1/2
Dia	∅3	∅4	∅6	∅8	∅10	∅12	∅1/8	∅5/32	∅3/16	∅1/4	∅5/16	∅3/8	∅1/2

- Thread Size(T)

	Metric Thread & R(PT) Thread		Taper Pipe Thread			
Code	M3	M5	01	02	03	04
Size	M3 × 0.5	M5 × 0.8	R1/8	R1/4	R3/8	R1/2

- Inch Size(UNF & NPT)

	Unified Fine Thread	American Standard Taper Pipe Thread			
Code	U10U	N01U	N02U	N03U	N04U
Size	10-32UNF	NPT1/8	NPT1/4	NPT3/8	NPT1/2

- Control Method

Type	Meter out		Meter in	
	Standard Blue	Compact Black	Standard Red	Compact Red
Sleeve				
Symbol				

- U : Hexagon flat-to-flat inch specification.(NPT)

NSE Elbow	MODEL (∅D-T)				
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)		
NSE 04-M5	NSE 10-02	NSE 1/4-M5	NSE 5/32-U10U	NSE 5/16-N01U	
NSE 04-01	NSE 10-03	NSE 1/4-01	NSE 5/32-N01U	NSE 5/16-N02U	
NSE 04-02	NSE 10-04	NSE 1/4-02	NSE 3/16-U10U	NSE 5/16-N03U	
NSE 06-M5	NSE 12-02	NSE 1/4-03	NSE 3/16-N01U	NSE 5/16-N04U	
NSE 06-01	NSE 12-03	NSE 5/16-01	NSE 3/16-N02U	NSE 3/8-N02U	
NSE 06-02	NSE 12-04	NSE 5/16-02	NSE 3/16-N03U	NSE 3/8-N03U	
NSE 06-03		NSE 5/16-03	NSE 1/4-U10U	NSE 3/8-N04U	
NSE 08-01		NSE 3/8-02	NSE 1/4-N01U	NSE 1/2-N03U	
NSE 08-02		NSE 3/8-03	NSE 1/4-N02U	NSE 1/2-N04U	
NSE 08-03			NSE 1/4-N03U		
NSE 08-04					

NSE-G Elbow G-Thread	MODEL (∅D-T)	
	Tube(Metric)-Thread(G)	Tube(Inch)-Thread(G)
NSE 04-G01	NSE 10-G04	
NSE 04-G02	NSE 12-G03	
NSE 06-G01	NSE 12-G04	
NSE 06-G02		
NSE 06-G03		
NSE 08-G01		
NSE 08-G02		
NSE 08-G03		
NSE 08-G04		
NSE 10-G02		
NSE 10-G03		

NSS Straight	MODEL (∅D-T)				
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)		
NSS 04-M5	NSS 10-02	NSS 1/4-M5	NSS 5/32-U10U	NSS 5/16-N02U	
NSS 04-01	NSS 10-03	NSS 1/4-01	NSS 5/32-N01U	NSS 5/16-N03U	
NSS 04-02	NSS 10-04	NSS 1/4-02	NSS 3/16-U10U	NSS 5/16-N04U	
NSS 06-M5	NSS 12-02	NSS 5/16-01	NSS 3/16-N01U	NSS 3/8-N02U	
NSS 06-01	NSS 12-03	NSS 5/16-02	NSS 3/16-N02U	NSS 3/8-N03U	
NSS 06-02	NSS 12-04	NSS 5/16-03	NSS 3/16-N03U	NSS 3/8-N04U	
NSS 06-03		NSS 3/8-02	NSS 1/4-U10U	NSS 1/2-N03U	
NSS 08-01		NSS 3/8-03	NSS 1/4-N01U	NSS 1/2-N04U	
NSS 08-02			NSS 1/4-N02U		
NSS 08-03			NSS 1/4-N03U		
NSS 08-04			NSS 5/16-N01U		

NSF Union Straight	MODEL (∅D)	
	Tube(Metric)	Tube(Inch)
NSF 04	NSF 5/32	
NSF 06	NSF 3/16	
NSF 08	NSF 1/4	
NSF 10	NSF 5/16	
NSF 12	NSF 3/8	
	NSF 1/2	

NSE-C Mini Elbow	MODEL (∅D-T)		
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)
NSE 03-M3C	NSE 1/8-M3C	NSE 1/8-U10UC	
NSE 03-M5C	NSE 1/8-M5C	NSE 5/32-U10C	
NSE 04-M3C	NSE 5/32-M3C	NSE 5/32-N01C	
NSE 04-M5C	NSE 5/32-M5C	NSE 1/4-U10UC	
NSE 04-01C	NSE 5/32-01C	NSE 1/4-N01C	
NSE 06-M3C	NSE 1/4-M5C		
NSE 06-M5C	NSE 1/4-01C		
NSE 06-01C			
NSE 06-02C			

NSF-C Mini Union Straight	MODEL (∅D)
	Tube(Metric)
NSF 03C	