

## Flow Control Regulators

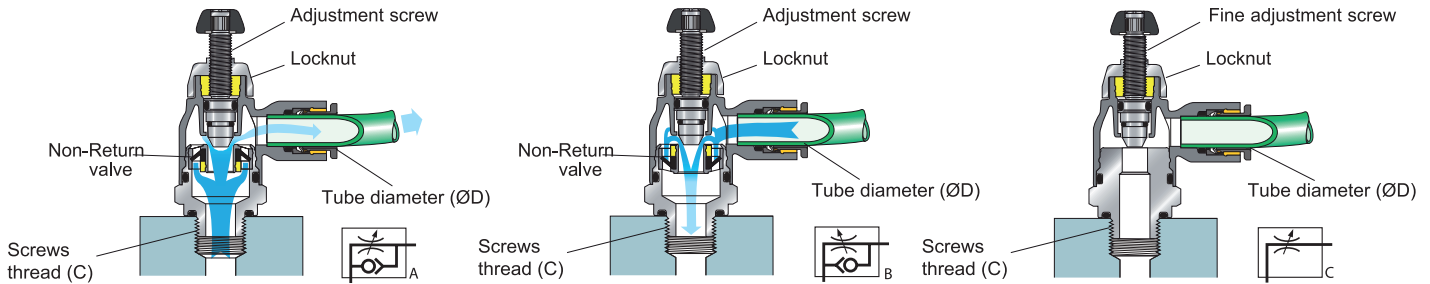
Flow control regulators Control the speed of a pneumatic cylinder. In the one-way version, The exhaust or inlet air flow is controlled by an adjustable restrictor. The inlet or exhaust flow is unrestricted full bore. In a Bi-Directional version, They control air supply in both exhaust and supply flow. Depending upon the model, Flow regulators may be fitted on the cylinder or in the compressed air line.

However, Flow regulation (And therefore cylinder control speed) is more precise and constant when positioned near the cylinder : In this way, It is possible to avoid the elastic effect of the compressed air contained in the pipework between the control valve and cylinder. Direct mounting of the banjo flow regulator fitting onto the cylinder is therefore the optimum solution.

### “Exhaust” Version

### “Supply” Version

### Bi-Directional Version



### Miniature

### Compact



**Fig 1 - BSP Parallel and Metric (7N60-7N69-7N62)**

Exhaust (A)		Supply (B)		Bi - Directional (C)		ØD	C
Number	Price ₪	Number	Price ₪	Number	Price ₪		
7N60 2309	—	7N69 2309	—	—	—	3	M3x0,5
7N60 2319	—	7N69 2319	—	—	—	3	M5x0,8
7N60 2409	—	—	—	—	—	4	M3x0,5
7N60 2419	—	7N69 2419	—	7N62 3419	—	4	M5x0,8
7N60 2410	—	7N69 2410	—	7N62 3410	—	4	G1/8
7N60 2619	—	7N69 2619	—	7N62 3619	—	6	M5x0,8
7N60 2610	—	7N69 2610	—	7N62 3610	—	6	G1/8
7N60 2613	—	7N69 2613	—	7N62 3613	—	6	G1/4
7N60 2810	—	7N69 2810	—	—	—	8	G1/8
7N60 2813	—	7N69 2813	—	—	—	8	G1/4
7N60 2817	—	7N69 2817	—	—	—	8	G3/8

**Fig. 2 - Swivel Outlet, BSP Taper (7J65-7J66-7J67)**

Exhaust (A)		ØD	C
Number	Price ₪		
7F45 1410	—	4	R1/8
7F45 1610	—	6	R1/8

**Fig. 3 - Swivel Outlet, UNF and NPT (7F45)**

Exhaust (A)		ØD	C
Number	Price ₪		
7D40 7420	—	5/32	10-32
7D45 7411	—	5/32	1/8

### ► Specifications

Suitable Fluid : Compressed air  
Working Pressure : 1 to 10 bar  
Working Temperature : 0° to +70° C.



**Fig. 4 - NPT (7D40-7D45)**

Exhaust (A)		Supply (B)		Bi - Directional (C)		ØD	C
Number	Price ₪	Number	Price ₪	Number	Price ₪		
7J65 0411	—	7J66 0411	—	7J67 5411	—	5/32	1/8
7J65 0414	—	7J66 0414	—	—	—	5/32	1/4
7J65 0611	—	7J66 0611	—	7J67 5611	—	1/4	1/8
7J65 0614	—	7J66 0614	—	7J67 5614	—	1/4	1/4
7J65 0014	—	—	—	—	—	3/8	1/4
7J65 0018	—	—	—	—	—	3/8	3/8

**Fig. 5 - Swivel Outlet, BSP Taper (7U45)**

Exhaust (A)		ØD	C
Number	Price ₪		
7D45 7613	—	6	R1/4
7D45 7810	—	8	R1/8
7D45 7813	—	8	R1/4
7D45 7817	—	8	R3/8
7D45 7013	—	10	R1/4
7D45 7217	—	12	R3/8

**Fig. 6 - Swivel Outlet, NPT (7D45)**

Exhaust (A)		ØD	C
Number	Price ₪		
7U45 7611	—	1/4	1/8
7U45 7614	—	1/4	1/4
7U45 7014	—	3/8	1/4
7U45 7018	—	3/8	3/8