

**TORO**

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# Turbo-SC Plus & Turbo-Key

## Micro-Irrigation



### Application:

Ideal PC (Pressure Compensating) & Non-Pressure Compensating emitters for use in Agriculture, Nursery & Landscaping applications. The large turbulent flow path allows for greater resistance to plugging, and the take-apart feature permits easy on-site inspection and cleaning.

### Features:

- Proven PC (Pressure Compensating) & Non-Pressure Compensating emitter design
- Take-apart feature permits fast, easy on-site inspection and cleaning
- Barbed inlet allows emitters to be installed directly onto hose or used with 1/4" (4mm) tubing
- Resistant to agricultural chemicals and ultraviolet degradation

### Turbo-SC Plus Emitter: Pressure Compensating

- Large, self-flushing, turbulent flow path\* for higher resistance to plugging where water conditions may be a problem
- High quality silicon diaphragm for improved pressure compensation and uniformity over a wide range of pressures
- Includes a Male Adaptor for use with 1/4" (4mm) tubing (i.e. EHD0433)
- Includes bug shield to deter entry of insects
- Available in three flow rates:

Part Number	GPH	LPH	Base Color
DPJ02-A	0.5	2.0	Blue
DPJ04-A	1.0	4.0	Black
DPJ08-A*	2.0	8.0	Red

\* Turbo-SC has same features as Turbo-SC Plus except for Turbulent Flow Path

### Turbo-Key® Non-Pressure Compensating Emitter

- Large turbulent flow path allows for greater resistance to plugging where water conditions may be a problem
- Color coded internal tab for easy identification
- Available in three flow rates:

Part Number	GPH	LPH	Internal Tab Color
DNK02-3	0.5	2.0	White
DNK04-3	1.0	4.0	Black
DNK08-3	2.0	8.0	Green



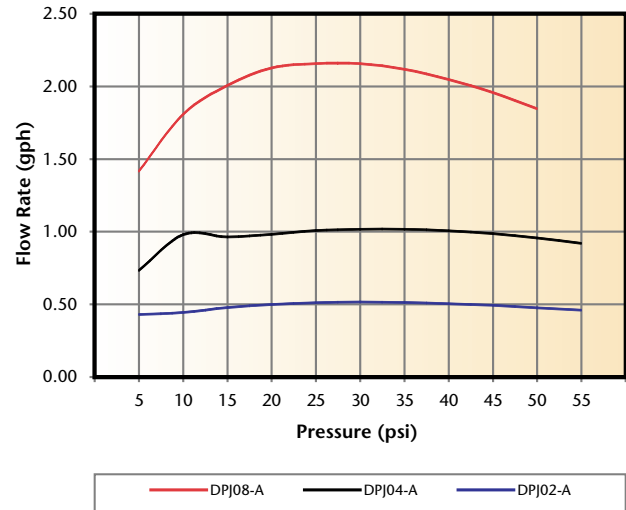
## Flow Rates

Pressure		DPJ02-A		DPJ04-A		DPJ08-A	
psi	Bar	gph	lph	gph	lph	gph	lph
5	0.34	0.42	1.60	0.73	2.75	1.41	5.34
10	0.69	0.44	1.65	0.97	3.68	1.80	6.81
15	1.03	0.47	1.78	0.96	3.62	2.00	7.57
20	1.38	0.49	1.86	0.97	3.69	2.12	8.03
25	1.72	0.50	1.91	1.00	3.79	2.15	8.14
30	2.07	0.51	1.93	1.01	3.82	2.15	8.14
35	2.41	0.51	1.91	1.01	3.82	2.11	7.99
40	2.76	0.50	1.88	1.00	3.78	2.04	7.72
45	3.10	0.49	1.84	0.98	3.71	1.95	7.38
50	3.45	0.47	1.78	0.95	3.60	1.84	6.97

## Specifications

	DPJ02-A	DPJ04-A	DPJ08-A
Nominal Flow Rate (Q)			
gph	0.5 gph	1.0 gph	2.0 gph
lph	2.0 lph	4.0 lph	8.0 lph
Recommended Pressure Range (P)			
psi	10 to 50 psi		
Bar	0.7 to 3.5 Bar		
Emitter Exponent (x)	0.060	0.009	0.031
Minimum filtration requirement	140 Mesh (105 Micron)		
Optional Color (base)	Blue	Black	Red

# Turbo-SC Plus: Pressure Compensating



## Flow Rates

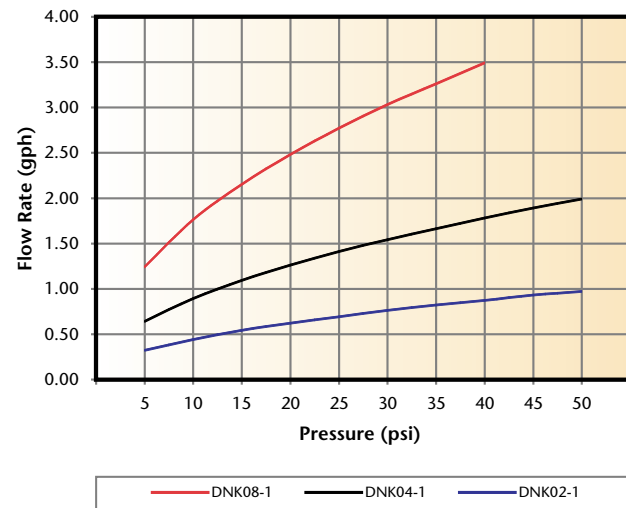
Pressure		DNK02-1		DNK04-1		DNK08-1	
psi	Bar	gph	lph	gph	lph	gph	lph
5	0.34	0.31	1.17	0.63	2.38	1.23	4.66
10	0.69	0.43	1.63	0.88	3.33	1.75	6.62
<b>15</b>	<b>1.03</b>	<b>0.53</b>	<b>2.01</b>	<b>1.08</b>	<b>4.09</b>	<b>2.14</b>	<b>8.10</b>
20	1.38	0.61	2.31	1.25	4.73	2.47	9.35
25	1.72	0.68	2.57	1.40	5.30	2.76	10.45
30	2.07	0.75	2.84	1.53	5.79	3.02	11.43
35	2.41	0.81	3.07	1.65	6.25	3.25	12.30
40	2.76	0.86	3.26	1.77	6.70	3.48	13.17
45	3.10	0.92	3.48	1.88	7.12		
50	3.45	0.96	3.63	1.98	7.50		

\* Recommended operating pressure

## Specifications

	DNK02-1	DNK04-1	DNK08-1
Nominal Flow Rate (Q)			
gph @ 15 psi	0.5 gph	1.0 gph	2.0 gph
lph @ 15 psi	2.0 lph	4.0 lph	8.0 lph
Recommended Pressure Range (P)			
psi	0 to 50 psi		
Bar	0 to 3.5 Bar		
Emitter Exponent (x)	0.49	0.50	0.50
Minimum filtration requirement	140 Mesh (105 Micron)		
Color (Internal Tab)	White	Black	Green

# Turbo-Key: Non-Pressure Compensating



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