

Residential, commercial

Feature and Benefit Highlights

- Fast single-barb installation directly onto the hose
- Large open flow path for resistance to plugging
- Take-apart feature, allows fast simple field inspection

Additional Features

- Proven Classic[®] (non-pressure-compensating) hydraulic design
- Economic emitter for trouble-free applications
- Barbed inlet allows emitters to be installed directly onto hose or used with 1/4" (4mm) leader tubing (Part No. EHD0437)
- Exit barb may be used with 1/4" (4mm) exit tubing for precision water placement



Specifications

- Three flow rates:
 - DBK04—1.0 GPH (4,0 LPH)
 - DBK08—2.0 GPH (8,0 LPH)
 - DBK16—4.0 GPH (16,0 LPH)

Flow Rate—U.S.

psi	DBK04	DBK08	DBK16
5	0.58	1.03	2.09
10	0.88	1.53	3.08
* 15	1.12	1.93	3.87
20	1.33	2.27	4.55
25	1.52	2.58	5.15
30	1.70	2.87	5.71
35	1.87	3.13	6.23
40	2.03	3.38	6.71
45	2.17	3.62	7.17
50	2.32	3.84	7.61

* Recommended operating pressure
Values listed in gallons per hour.

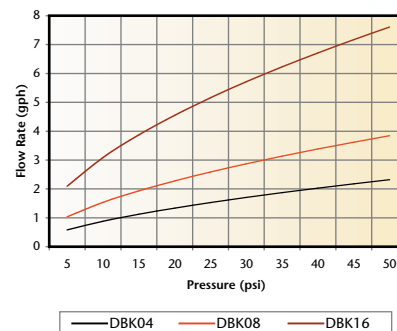
Flow Rate—Metric

Bar	DBK04	DBK08	DBK16
0,50	2,73	4,82	9,74
* 1,00	4,15	7,17	14,38
1,50	5,31	9,04	18,05
2,00	6,31	10,65	21,21
2,50	7,22	12,10	24,04
3,00	8,07	13,43	26,63
3,50	8,85	14,66	29,04

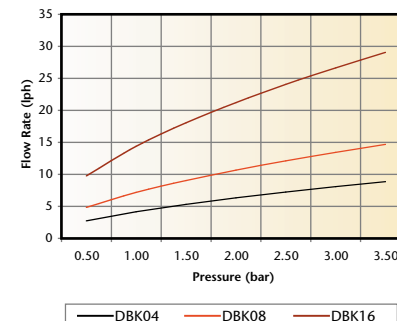
* Recommended operating pressure
Values listed in liters per hour.



Pressure vs. Flow—U.S.



Pressure vs. Flow—Metric



Performance Table		DBK04	DBK08	DBK16
Nominal Flow Rate (Q)	GPH @ 15 psi	1.06 GPH	2.11 GPH	4.23 GPH
	LPH @ 1 Bar	4 LPH	8 LPH	16 LPH
Flow Coefficient (K)	U.S. Units	0.22	0.41	0.85
	Metric Units	4,15	7,17	14,38
Operating Pressure Range (P)	psi	0–50 psi		
	Bar	0–3,5 Bar		
Flow Exponent (x)		0.60	0.57	0.56
Coefficient of Variation (Cv)		≤ 5%	≤ 6%	≤ 6,5%
Min. Filtration Requirement		140 Mesh (105 Micron)		

Specifying Information

Part Number	Description
DBK04	1.0 GPH (4.0 LPH)
DBK08	2.0 GPH (8.0 LPH)
DBK16	4.0 GPH (16.0 LPH)

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