

'DS4' DUAL PARALLEL CAN

**Parallel Layout; Dual 1½" NPT + SAE 4-Bolt Inlets;
Universal SAE + BSP Post; to 80 GPM**



The 'DS4' assemblies consist of a 'DH4U' Universal Dual Head with Buyer's choice of two identical $\Phi 5\frac{1}{2}$ " element. This model provides DMIC's high flow capacity, and the provision for SAE Flanged mounting. The parallel element layout is preferred by some OEMs

- 3 / 10 / 25 μm Nominal models backed by **published beta ratio**
- **Absolute $\beta_x = 75$ models** available in 3/6/12/25 μm degrees
- Water Removal models incorporate a water absorbing polymer layer
- Designed for 150 PSI maximum operating pressure, rated 300 PSI static
- Universal posts accepts almost any $\Phi 5\frac{1}{2}$ " hydraulic Spin-On Element
- Multipass tested according to ISO 4572 for credible, repeatable specs.

Ordering Codes

Element Type	
Code	Description
DS4	Dual Parallel

Element Length	
Code	Port Size(in)
0	BSP Post, Std Length
1	SAE Post, Std Length
2	BSP Post, Long Can
3	SAE Post, Long Can

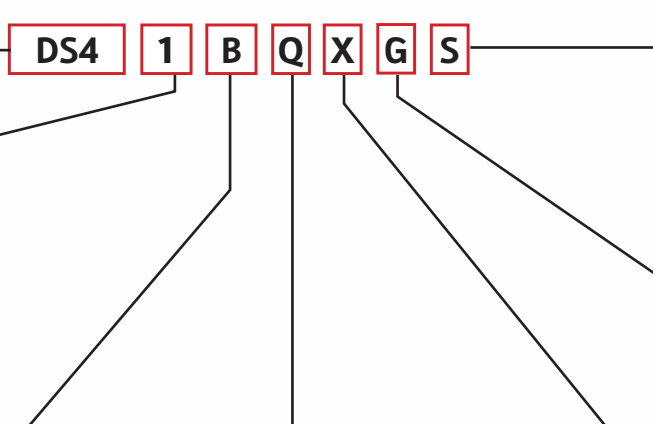
Micron Rating	
Code	Description
A	10 μm Nominal, Resinated Micropaper
B	25 μm Nominal, Resinated Micropaper
C	3 μm Nominal, Resinated Micropaper

Inlet Ports	
Code	Description
Q	1½" NPTF
Optional (may incur lead time)	
Please call factory	

Bypass Valve setting	
Code	Description
Z	25 PSI, Optimum Return Line setting
Optional	
X	2½ PSI, Suction line
Y	15 PSI, Not recommended
W	50 PSI, High ΔP

Indicator Position	
Code	Description
N	No indicator, only if previous code is "N"
R	Return line (before element)
S	Suction Line (after element)

Clogging Indicator	
Code	Description
N	No indicator, not recommended
G	Gauge Indicator (Green, Yellow, Red)
B	Pop-Up Indicator (22.5 PSI)
E	Electric Pressure Switch (22.5 PSI)



Due to our policy of continual product improvement, the specifications in this catalog may change without notice. When designing by spec, please request a certified print.



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Dimensional Table

Element Data			Head Data		Dimensions (inches)					Performance Data			Filter Assembly Part #
Can Length	Post Thread	Element Part #	Standard Head Part #	Standard Bypass PSI	A	B	C	D	Lbs.	Beta Ratio	Nominal Micron Rating	Typical Flow GPM ¹	
'DS40' with BSP element, To 65 GPM, Universal Post, 1½" NPT+4B													
5¾" Regular Length	BSP 1½"	DMS10CN	DH4U-QZIN	25 PSI	11.30	9.98	6.75	1.50	11.0	$\beta_{10} = 15$	3.0µm	17	DS40-CQZNN
		DMS10AN								$\beta_{10} = 1.5$	10µm	22	DS40-AQZNN
		DMS10BN								$\beta_{30} = 4$	25µm	41	DS40-BQZNN
'DS41' with SAE element, To 65 GPM, Universal Post, 1½" NPT+4B													
5¾" Regular Length	SAE 1½"-16"	DMS11CN	DH4U-QZIN	25 PSI	11.30	9.98	6.75	1.50	11.0	$\beta_{10} = 15$	3.0µm	17	DS41-CQZNN
		DMS11AN								$\beta_{10} = 1.5$	10µm	22	DS41-AQZNN
		DMS11BN								$\beta_{30} = 4$	25µm	41	DS41-BQZNN
'DS42' with Long BSP Cans, To 80 GPM, Universal Post, 1½" NPT+4B													
8" High Flow	BSP 1½"	DMS15CN	DH4U-QZIN	25 PSI	11.30	13.3	6.75	1.50	13.0	$\beta_{10} = 15$	3.0µm	24	DS42-CQZNN
		DMS15AN								$\beta_{10} = 1.5$	10µm	36	DS42-AQZNN
		DMS15BN								$\beta_{30} = 4$	25µm	46	DS42-BQZNN
'DS43' with Long SAE Cans, To 80 GPM, Universal Post, 1½" NPT+4B													
8" High Flow	SAE 1½"-16"	DMS16CN	DH4U-QZIN	25 PSI	11.30	13.3	6.75	1.50	13.0	$\beta_{10} = 15$	3.0µm	24	DS43-CQZNN
		DMS16AN								$\beta_{10} = 1.5$	10µm	36	DS43-AQZNN
		DMS16BN								$\beta_{30} = 4$	25µm	46	DS43-BQZNN
		DMS16DN								$\beta_{H_2O} = 10$	3.0µm ²	12	DS43-DQZNN
		DMS16EN								$\beta_{H_2O} = 10$	10µm ²	16	DS43-EQZNN

(1) Typical flows quoted in U.S. GPM with a new element, using 150 SUS Petroleum Based Fluid at 100°F

(2) Water removal models impose a huge pressure drop when clogged

(3) Absolute series uses gradient µglass media to produce higher flow at a given ΔP than cellulose

