

'DMS' NOMINAL ELEMENTS

Mainstream Spin-On Elements replace most "Nominal" Hydraulic Spin-Ons; Models for 3/10/25µm



DMIC Spin-On Elements provide known, credible performance geared to the needs of mainstream hydraulic users, with full specifications printed right on the can so you can make an informed choice.

- Available in stainless steel or aluminum - Offered in 3/10/25 micron nominal ; backed by published beta ratio
- Designed for **150 PSI maximum operating pressure**, rated 300 PSI static
- Multipass tested in accordance with ISO 4572 & 16889 methods, to meet or exceed published specifications in your Real World application
- Optional gaskets from stock for high flow or fitment to non-standard heads
- Available with U.S. standard **SAE-Post** and **BSP-Post** for system exporters
- **Quality mechanical construction** for reliability in vibration-pron systems

Ordering Codes

DMS 11 A N /GL

Model	
Code	Port Size(in)
Compact 3¾" Diameter Cans	
04	SAE Post, Std Length
07	SAE Post, Long Can
05	BSP Post, Std Length
06	BSP Post, Long Can
Standard 5½" Diameter Cans	
10	BSP Post, Std Length
15	BSP Post, Long Can
17	BSP Post, Midsize Can
11	SAE Post, Std Length
16	SAE Post, Long Can

Filtration Media	
Code	Description
A	10µm Nominal, Resinated Cellulose
B	25µm Nominal, Resinated Cellulose
C	3µm Nominal, Resinated Cellulose
D	Water Removal Polymer 10µm Nominal
E	Water Removal Polymer 3µm Nominal

L-Section Gasket option	
Code	Description
/GL	Not required for standard elements. The Rectangular gasket is satisfactory for most applications

Gasket Type/Material	
Code	Description
N	Buna-N, Rectangular Profile
V	Viton, Rectangular Profile
E	EPR, Rectangular Profile

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.



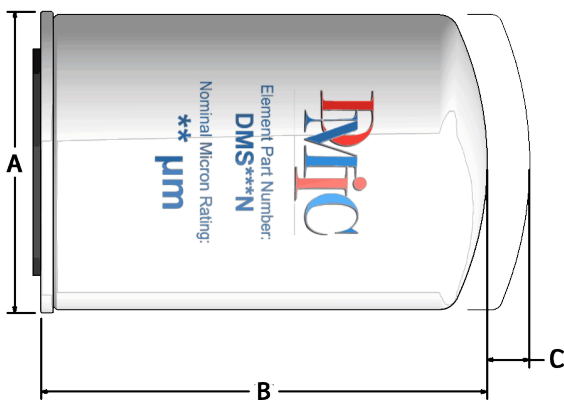
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Dimensional Table

'DMS' Series Nominal Spin-On Elements					Dimensions (inches)				Performance Data			Bulk	Standard Gasket						
Can Outside Diameter	Can Length	Post Thread	Spin-On Element Part No.	Nominal Micron Rating	A	B	C	Lbs.	Beta Ratio ⁽²⁾	Dirt Capacity	Rated PSI	Case Quantity							
3 3/4" Compact Element	5 3/4" Regular Length	BSP 3/4"	DMS05CN	3.0µm	3.73	5.68	0.75	1.0	β ₃ = 4.0	11.0 g	Rated 150 PSI	12	G-DMS-05-RN						
			DMS05AN	10µm					β ₁₀ = 4.0	19.6 g									
			DMS05BN	25µm					β ₂₅ = 4.0	39.6 g									
		SAE 1" - 12"	DMS04CN	3.0µm					3.73	5.68				0.75	1.0	β ₃ = 4.0	11.0 g		
			DMS04AN	10µm												β ₁₀ = 4.0	19.6 g		
			DMS04BN	25µm												β ₂₅ = 4.0	39.6 g		
	8" High Flow Long Can	BSP 3/4"	DMS06CN	3.0µm	OEM production quantity required - non stock item								β ₃ = 4.0			13.2 g	300 PSI Static Test	6	G-DMS-06-RN
			DMS06AN	10µm	β ₁₀ = 1.5	29.6 g													
			DMS06BN	25µm	β ₂₅ = 12	52.2 g													
		SAE 1" - 12"	DMS07CN	3.0µm	3.73	8.00	0.75	1.4	β ₃ = 4.0	13.2 g									
			DMS07AN	10µm					β ₁₀ = 1.5	29.6 g									
			DMS07BN	25µm					β ₂₅ = 12	52.2 g									
6 3/4" Regular Length	BSP 1 1/4"	DMS10CN	3.0µm	5.10					6.63	1.50	2.4	β ₃ = 4.0	17.5 g	Rated 150 PSI	6	G-DMS-10-RN			
		DMS10AN	10µm									β ₁₀ = 1.5	29.6 g						
		DMS10BN	25µm									β ₂₅ = 12	52.2 g						
	SAE 1 1/2" - 16"	DMS11CN	3.0µm		5.10	6.63	1.50	2.1				β ₃ = 4.0	17.5 g						
		DMS11AN	10µm									β ₁₀ = 1.5	29.6 g						
		DMS11BN	25µm									β ₂₅ = 12	52.2 g						
9 1/2" Mid Size	BSP 1 1/4"	DMS17CN	3.0µm	5.10					9.50	1.50	3.0	β ₃ = 4.0	29.2 g	300 PSI Static Test	6	G-DMS-17-RN			
		DMS17AN	10µm									β ₁₀ = 1.5	46.6 g						
		DMS17BN	25µm									β ₂₅ = 12	112.2 g						
	10 3/4" High Flow Long Can	BSP 1 1/4"	DMS15CN		3.0µm	5.10	11.0	1.50				3.2	β ₃ = 4.0			31.6 g	300 PSI Static Test	6	G-DMS-15-RN
			DMS15AN		10µm								β ₁₀ = 1.5			49.4 g			
			DMS15BN		25µm								β ₂₅ = 12			131.0 g			
SAE 1 1/2" - 16"		DMS16CN	3.0µm	5.10	11.0				1.50	3.4	β ₃ = 4.0		31.6 g						
		DMS16AN	10µm								β ₁₀ = 1.5		49.4 g						
		DMS16BN	25µm								β ₂₅ = 12		131.0 g						

(1) DMIC "export" type BSP Spin-on Filters are compatible with imported "Upside Down" Filter Heads. DMIC elements omit the automotive-type "anti drain-back valve" for lowest pressure drop and replacement cost.

(2) Beta ratios are quotes to ISO4572 and rationalized to their nominal micron size for your convenience



WATER REMOVAL

Water Removal Elements incorporate a water absorbing polymer which captures water arising from condensation & reservoir breathing.

- Designed for **150 PSI maximum operating pressure**, rated 300 PSI static
- Features U.S. standard SAE-Post to fit majority of heads in service

This element model is not recommended for heads without a bypass valve

'DMS' Water Removal Spin-On Elements					Dimensions (inches)				Performance Data			Bulk	Standard Gasket	
Can Outside Diameter	Can Length	Post Thread	Spin-On Element Part No.	Nominal Micron Rating	A	B	C	Lbs.	Beta Ratio	Dirt Capacity	Rated PSI	Case Quantity		
3 3/4" Compact	8" Hi Flow	SAE 1"-12"	DMS07EN	3.0µm	3.73	8.00	0.75	1.60	β _{H₂O} = 10	11.0 g	150 PSI	12	G-04-RN	
			DMS07DN	10µm					β _{H₂O} = 10	11.0 g				
5" Standard	10 3/4" Hi Flow	SAE 1 1/2"-16"	DMS16EN	3.0µm	5.10	10.63	1.50	3.20	β _{H₂O} = 10	19.6 g			6	G-11-LN
			DMS16DN	10µm					β _{H₂O} = 10	19.6 g				

