

Part No : FS2000000

PIDR0008

**FULL**

**DEFINITION AND MAIN DIMENSIONS**

Part Type                    FUEL / WATER SEPARATOR

Configuration            SPIN-ON

Flow Direction            OUTSIDE/IN

Part Function             WATER SEPARATOR

APPLICATION	PRESSURE
CHEMICAL ADDITIVE	SLOW RELEASE LUBRICITY ENHANCING
DOME OUTSIDE DIAMETER	3.676 in
GASKET INSIDE DIAMETER	2.462 in
GASKET OUTSIDE DIAMETER	2.834 in
GASKET PROJECTION RETAINER	.055 in
GASKET PROJECTION SEAM	.115 in
GASKET TO 1ST THREAD	.23 in
HOT MELT BEADS? (L)	NO
OVERALL HEIGHT	9.806 in
SEAM OUTSIDE DIAMETER	3.657 in
STAND PIPE?	NO
THREAD SIZE	1 1/8-16 UN-2B

**FILTRATION, MECHANICAL SPECIFICATIONS AND TEST STANDARDS**

CAPACITY	25 g	CECO ES14225
TERMINAL DP	7.97 in Hg	
RATED FLOW	60 GPH	
CLEAN ELEMENT DP, MAX	1 in Hg	CECO ES14225
EFFICIENCY, TWA BY SAE J 1985	98.7 %	SAE J1985
MICRON RATING BY SAE J 1985	5 micron	SAE J1985
EFFICIENCY, TWA @ 2ND POINT BY SAE J 1985	94 %	SAE J1985
MICRON SIZE @ 2ND POINT BY SAE J 1985	2 micron	SAE J1985
EMULSIFIED WATER SEPARATION	95 %	SAE J1488

This information is subject to change. Confidential information, which should not be shared with a third party without a written consent from a Cummins Filtration Representative.

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FREE WATER SEPARATION	95 %	SAE J1839
ELEMENT COLLAPSE/BURST, MIN	39.88 PSI	CECO ES14225
HYDROSTATIC BURST, MIN	203.05 PSI	ISO 4548-6
HYDR. PULSE DURABILITY, MIN	41000 Cycles	CECO ES14225
AT HIGH PRESSURE	101.52 PSI	
AT LOW PRESSURE	0 PSI	
AT PULSE FREQUENCY	4 Hz	
SINUSOIDAL VIBRATION, MIN	1000000 Cycles	CECO ES14225
AT ACCELERATION	5.1 G's	
AT INTERNAL PRESSURE (SINUSOIDAL VIB)	0 PSI	
AT VIBRATION FREQUENCY	0 Hz	
HIGH TEMP	250 F°	
LOW TEMP	-45 F°	